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FEC

# REPORT OF RECEIPTS AND DISBURSEMENTS

FORIVI 3X	For Other Than A	An Authorized	Committee		Office Us	se Only
NAME OF COMMITTEE (in full)	TYPE OR PRINT ▼		mple: If typing, typ	e 12FI	E4M5	
Employees of Northrop	p Grumman Co	rporation PA	.C			
ADDRESS (number and street)	2980 Fairview Park	Drive				
Check if different than previously reported. (ACC)	Falls Church			VA VA	22042	2
2. FEC IDENTIFICATION N	UMBER ▼	CITY ▲		STATE 4	<b>L</b>	ZIP CODE ▲
C C00088591		3. IS THIS REPORT	NEW (N)	or $\square$	AMENDED (A)	
4. TYPE OF REPORT (Choose One)  (a) Quarterly Reports:  April 15 Quarterly Report (C) July 15 Quarterly Report (C)	(C) 12-Day		May 20 Jun 20 Jul 20 Primary (12P)	(M6) <b>x</b> (M7)	Aug 20 (M8) Sep 20 (M9) Oct 20 (M10) neral (12G)	Nov 20 (M11) (Non-Election Year Only) Dec 20 (M12) (Non-Election Year Only) Jan 31 (YE)  Runoff (12R)
October 15 Quarterly Report (C January 31 Year-End Report (N July 31 Mid-Year Report (Non-electic	Report for (d) 30-Day	Election on	Convention (12C)		ecial (12S)	in the State of
Year Only) (MY)  Termination Report	POST-Ele Report fo		General (30G)		noff (30R)	Special (30S)
(TER)		Election on	M = M / D = I	7 7 7	Y	in the State of
5. Covering Period 08		2019	through	M M / D 31	D / Y Y 20	19
I certify that I have examined the Type or Print Name of Treasure	Koehn, John, , ,	best of my know	vledge and belief i	t is true, corre	ct and comple	te.
Signature of Treasurer Koel	nn, John, , ,		[Electronically Filed]	Date	M M / D 20	
NOTE: Submission of false, erron	eous, or incomplete in	nformation may su	bject the person sig	ning this Repo	rt to the penalti	es of 52 U.S.C. § 30109
Office Use Only						<b>FORM 3X</b> Rev. 05/2016

# SUMMARY PAGE OF RECEIPTS AND DISBURSEMENTS

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Page 2

Write or Type Committee Name

#### **Employees of Northrop Grumman Corporation PAC**

Report Covering the Period: From: 08 01 2019 To: 08 31 2019

		COLUMN A This Period	COLUMN B Calendar Year-to-Date
6.	(a) Cash on Hand January 1, 2019		4061608.66
	(b) Cash on Hand at Beginning of Reporting Period	3784579.45	
	(c) Total Receipts (from Line 19)	217828.82	1740382.62
	(d) Subtotal (add Lines 6(b) and 6(c) for Column A and Lines 6(a) and 6(c) for Column B)	4002408.27	5801991.28
7.	Total Disbursements (from Line 31)	27500.00	1827083.01
8.	Cash on Hand at Close of Reporting Period (subtract Line 7 from Line 6(d))	3974908.27	3974908.27
9.	Debts and Obligations Owed <b>TO</b> the Committee (Itemize all on Schedule C and/or Schedule D)	0.00	
10.	Debts and Obligations Owed <b>BY</b> the Committee (Itemize all on Schedule C and/or Schedule D)	0.00	

This committee has qualified as a multicandidate committee. (see FEC FORM 1M)

#### For further information contact:

Federal Election Commission 999 E Street, NW Washington, DC 20463

Toll Free 800-424-9530 Local 202-694-1100

#### **DETAILED SUMMARY PAGE**

of Receipts

FEC Form 3X (Rev. 05/2016)

Write or Type Committee Name

#### **Employees of Northrop Grumman Corporation PAC**

80 01 2019 08 31 2019 Report Covering the Period: From: To: **COLUMN A COLUMN B** I. Receipts **Total This Period** Calendar Year-to-Date 11. Contributions (other than loans) From: (a) Individuals/Persons Other Than Political Committees 187884.15 1062147.66 (i) Itemized (use Schedule A)..... 29944.67 673734.96 (ii) Unitemized ..... (iii) TOTAL (add 1735882.62 217828.82 Lines 11(a)(i) and (ii).....▶ 0.00 0.00 (b) Political Party Committees ..... (c) Other Political Committees 0.00 0.00 (such as PACs)..... (d) Total Contributions (add Lines 11(a)(iii), (b), and (c)) (Carry 1735882.62 217828.82 Totals to Line 33, page 5) .....▶ 12. Transfers From Affiliated/Other 0.00 0.00 Party Committees..... 0.00 0.00 13. All Loans Received..... 0.00 0.00 14. Loan Repayments Received..... 15. Offsets To Operating Expenditures (Refunds, Rebates, etc.) 0.00 0.00 (Carry Totals to Line 37, page 5)..... 16. Refunds of Contributions Made to Federal Candidates and Other Political Committees..... 4500.00 0.00 17. Other Federal Receipts 0.00 (Dividends, Interest, etc.)..... 0.00 18. Transfers from Non-Federal and Levin Funds (a) Non-Federal Account 0.00 0.00 (from Schedule H3)..... 0.00 0.00 (b) Levin Funds (from Schedule H5) ....... (c) Total Transfers (add 18(a) and 18(b)).. 0.00 0.00 19. Total Receipts (add Lines 11(d), 12, 13, 14, 15, 16, 17, and 18(c))....... 1740382.62 217828.82 20. Total Federal Receipts 217828.82 1740382.62 (subtract Line 18(c) from Line 19) .......▶

#### **DETAILED SUMMARY PAGE**

of Disbursements

FEC Form 3X (Rev. 05/2016)

Page 4

	II. Disbursements	COLUMN A Total This Period	COLUMN B
	Operating Expenditures:	Total Tills Period	Calendar Year-to-Date
	(a) Allocated Federal/Non-Federal Activity (from Schedule H4)		
	(i) Federal Share	0.00	0.00
	.,		
	(ii) Non-Federal Share	0.00	0.00
	(b) Other Federal Operating		50700.04
	Expenditures	0.00	53793.01
	(c) Total Operating Expenditures	0.00	53793.01
,	(add 21(a)(i), (a)(ii), and (b))	0.00	33793.01
	Committees	0.00	0.00
	Contributions to	4 4	
	Federal Candidates/Committees and Other Political Committees	27500.00	1538000.00
	Independent Expenditures		
	(use Schedule E) Coordinated Party Expenditures	0.00	0.00
	(52 U.S.C. § 30116(d))	0.00	
	(use Schedule F)	0.00	0.00
	Loan Repayments Made	0.00	2.22
	соан пораушено масе	0.00	0.00
	Loans Made	0.00	0.00
	Refunds of Contributions To:	4 4	4 4
	(a) Individuals/Persons Other Than Political Committees	0.00	1790.00
		4 4	4 4
	(b) Political Party Committees	0.00	0.00
	(c) Other Political Committees		
	(such as PACs)	0.00	0.00
	(d) Total Contribution Refunds		
	(add Lines 28(a), (b), and (c))	0.00	1790.00
_	Other Disbursements (Including		
	Non-Federal Donations)	0.00	233500.00
	,	4 4	4 4
	Federal Election Activity (52 U.S.C. § 30101(2	(0))	
	(a) Allocated Federal Election Activity		
	(from Schedule H6)	222	
	(i) Federal Share	0.00	0.00
	(ii) "Levin" Share	0.00	0.00
	(b) Federal Election Activity Paid	3.00	5.00
	Entirely With Federal Funds	0.00	0.00
	(c) Total Federal Election Activity (add	7 7	
	Lines 30(a)(i), 30(a)(ii) and 30(b))	0.00	0.00
		7 7	7 7
	Total Disbursements (add Lines 21(c), 22,		
	23, 24, 25, 26, 27, 28(d), 29 and 30(c))	27500.00	1827083.01
	Total Fordered Disharman	4 4	45 45
	Total Federal Disbursements		
	(subtract Line 21(a)(ii) and Line 30(a)(ii) from Line 31)		
	IIOIII LIIIG 31/	27500.00	1827083.01

#### **DETAILED SUMMARY PAGE**

of Disbursements

FEC Form 3X (Rev. 05/2016)

Page 5

III. Net Contributions/ Operating Expenditures	COLUMN A Total This Period	COLUMN B Calendar Year-to-Date
33. Total Contributions (other than loans) (from Line 11(d), page 3)	217828.82	1735882.62
34. Total Contribution Refunds (from Line 28(d))	0.00	1790.00
35. Net Contributions (other than loans) (subtract Line 34 from Line 33)	217828.82	1734092.62
36. Total Federal Operating Expenditures (add Line 21(a)(i) and Line 21(b))▶	0.00	53793.01
37. Offsets to Operating Expenditures (from Line 15, page 3)	0.00	0.00
38. Net Operating Expenditures (subtract Line 37 from Line 36)	0.00	53793.01

FOR LINE NUMBER: PAGE (check only one) **X** 11a 11b 11c

6 OF 1574 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Abbate, Samuel, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950106 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and CIO Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.72 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Abbate, Samuel, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972942 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and CIO Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1634.89 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Abrams, Benjamin, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952961 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 77.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General 1232.00 Other (specify) 269.34 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Adams, Charles, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951294 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Adams, Charles, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971536 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Adams, Christopher, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951818 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1200.00 Other (specify) 160.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Adams, Christopher, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972126 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1280.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Addison, Ann, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953500 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP and Chief HR Officer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 384.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Addison, Ann, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972895 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP and Chief HR Officer Receipt For: Aggregate Year-to-Date ▼ Primary General 480.85 Other (specify) 272.34 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Adkins, Curtis, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952543 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General 234.80 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Adkins, Curtis, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973946 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 254.03 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Afferton, Thomas, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952369 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) 134.61 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Afferton, Thomas, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971112 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.55 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Afinidad, Francis, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952536 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Afinidad, Francis, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973856 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 196.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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1574 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Aguilar, Prenthis, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950183 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 546.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Aguilar, Prenthis, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973016 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 585.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Aguilar, Vincent, E, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951719 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 118.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Any information copied from such Reports and St or for commercial purposes, other than using the			erson for the purpose of soliciting contributions
NAME OF COMMITTEE (In Full) Employees of Northrop Grumma	an Corpora	ation PAC	
Full Name of Individual (Last, First, Middle Initial, Aguilar, Vincent, E, ,	ial) or Full Org	ganization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive			08 23 2019
City	State	Zip Code	Transaction ID : A2019-1973552
Falls Church	VA	22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	С		40.00
Name of Employer (for Individual)	Occup	pation (for Individual)	Memo Item
Northrop Grumman Corporation	VP St	upply Chain	
Receipt For:	Aggregate Y	'ear-to-Date ▼	
Primary General Other (specify) ▼		680.00	
Other (specify) V		000.00	
Full Name of Individual (Last, First, Middle Initial).  Ahn, Joseph, M, ,	ial) or Full Org	ganization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive			08 09 2019
City	State	Zip Code	Transaction ID : A2019-1951033
Falls Church	VA	22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	С		40.00
Name of Employer (for Individual) Northrop Grumman Corporation		oation (for Individual) incipal Govt Affairs Rep	Memo Item
Receipt For:	Aggregate Y	'ear-to-Date ▼	
Primary General Other (specify) ▼		490.00	
Full Name of Individual (Last, First, Middle Initi	ial) or Full Org	ganization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive			08 23 Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1971362
	V/1		Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	С		40.00
Name of Employer (for Individual)		pation (for Individual)	Memo Item
Northrop Grumman Corporation Receipt For:		ncipal Govt Affairs Rep	$\dashv$
Primary General	Aggregate Y	'ear-to-Date ▼	
Other (specify)		530.00	
SUBTOTAL of Receipts This Page (optional)		·····	120.00
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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Al-Mudallal, Akram, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949859 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Information Technology Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Al-Mudallal, Akram, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972823 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Al-Toukhi, May, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953340 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) 139.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Al-Toukhi, May,,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971072 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Albert, Ashton, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949758 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Albert, Ashton, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974075 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 77.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1574 Use separate schedule(s) for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Alexander, Dwight, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973477 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Alfano, John, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953036 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 240.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Alfano, John, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972380 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 255.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Allan, David, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953106 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Allan, David, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972451 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Allen, Ardrena, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952099 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Conference Event Plng Receipt For: Aggregate Year-to-Date ▼ Primary General 371.15 Other (specify) 75.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Allen, Hugh, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950833 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Electronics Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Allen, Hugh, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973244 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Electronics Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Allen, Joan, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952416 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Allen, Joan, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971158 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General 510.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Allen, Tracy, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952163 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr HR Business Partner Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Allen, Tracy, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973644 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr HR Business Partner Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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NAME OF COMMITTEE (In Full) Employees of Northrop Grumm	nan Corporation PAC				
Full Name of Individual (Last, First, Middle In	Date of Receipt				
Mailing Address 2980 Fairview Park Drive		Transaction ID: A2019-1952238  Amount of Each Receipt this Period  20.00			
City Falls Church	State Zip Code VA 22042				
FEC ID number of contributing federal political committee.	C				
Name of Employer (for Individual)  Northrop Grumman Corporation  Receipt For:	Occupation (for Individual)  Dir EEO and Diversity	Memo Item			
Primary General  Other (specify) ▼	Aggregate Year-to-Date ▼  320.00				
Full Name of Individual (Last, First, Middle In Alphonse, Nikki, L, ,  Mailing Address 2980 Fairview Park Drive					
City Falls Church	State Zip Code VA 22042	7 Transaction ID : A2019-1973718  Amount of Each Receipt this Period			
FEC ID number of contributing federal political committee.	C	20.00			
Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual)  Dir EEO and Diversity	Memo Item			
Receipt For:  Primary General  Other (specify) ▼	Aggregate Year-to-Date ▼  340.00				
Full Name of Individual (Last, First, Middle In	itial) or Full Organization Name	Date of Receipt			
Mailing Address 2980 Fairview Park Drive	,	08			
City Falls Church	State Zip Code VA 22042	Transaction ID : A2019-1951190  Amount of Each Receipt this Period			
FEC ID number of contributing federal political committee.	C	19.23			
Name of Employer (for Individual)  Northrop Grumman Corporation	Occupation (for Individual) Mgr Contract Admin	Memo Item			
Receipt For: Primary General Other (specify)	Aggregate Year-to-Date ▼  307.68				
SUBTOTAL of Receipts This Page (optional)		59.23			
TOTAL This Period (last page this line number	only)				

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Altamura, Rhea, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973437 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Alvarez, Richard, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952088 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Alvarez, Richard, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972348 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 69.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ambriz, Suzi, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951715 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ambriz, Suzi, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973548 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** An, David, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953161 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name An, David, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972508 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Anarde, Russell, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951570 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Anarde, Russell, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971811 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 138.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Anderson, Bradley, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951135 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Prncpl Engr Embedded S/W Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Anderson, Bradley, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973382 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Engr Embedded S/W Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Anderson, Frederick, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 26 2019 City Zip Code State Transaction ID: A2019-1982526 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 500.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engr Sys Architect Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) 540.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Anderson, Jon, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950348 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Anderson, Jon, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974676 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Anderson, Leonard, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951240 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 5.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Software Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 55.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Anderson, Leonard, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971482 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 5.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Software Receipt For: Aggregate Year-to-Date ▼ Primary General 445.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Anderson, Matthew, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950352 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Anderson, Matthew, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974680 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 81.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Anderson, Michelle, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951151 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Anderson, Michelle, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973398 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Anderson, Nicholas, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975264 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 26.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 218.00 Other (specify) 106.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Anderson-Bayh, Denise, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950233 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Anderson-Bayh, Denise, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974563 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Andree, Deborah, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950136 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Mission and Qual Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.72 Other (specify) 146.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Andree, Deborah, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972971 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Mission and Qual Assurance Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.89 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Andrus, Brian, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949098 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir. IS Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 768.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Andrus, Brian, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975265 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir. IS Receipt For: Aggregate Year-to-Date ▼ Primary General 864.00 Other (specify) 288.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Arceneaux, Michael, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972477 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Archuleta, Chandler, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952694 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Cyber Systems Engrng Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Archuleta, Chandler, B., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974201 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Cyber Systems Engrng Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 57.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Armstrong, John, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974997 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1275.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Armstrong, Rodney, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951654 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Engr Mfg Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Armstrong, Rodney, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973487 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Engr Mfg Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 155.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Arnold, Thomas, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949102 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Arnold, Thomas, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975269 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 360.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Arrell, John, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975270 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 23.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Business Development Rep Receipt For: Aggregate Year-to-Date ▼ Primary General 207.00 Other (specify) 103.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Any information copied from such Reports and S or for commercial purposes, other than using the	Statements may not be sold or used by any per e name and address of any political committee	rson for the purpose of soliciting contributions					
NAME OF COMMITTEE (In Full) Employees of Northrop Grumm	nan Corporation PAC						
Full Name of Individual (Last, First, Middle In Arrington, Ryan, T, ,	itial) or Full Organization Name	Date of Receipt					
Mailing Address 2980 Fairview Park Drive		08 09 2019					
City	State Zip Code	Transaction ID : A2019-1952699					
Falls Church	VA 22042	Amount of Each Receipt this Period					
FEC ID number of contributing federal political committee.	C	19.23					
Name of Employer (for Individual)	Occupation (for Individual)	Memo Item					
Northrop Grumman Corporation	Dir Programs	_					
Receipt For:	Aggregate Year-to-Date ▼						
Primary General	207.00						
Other (specify) ▼	307.68						
Full Name of Individual (Last, First, Middle In	itial) or Full Organization Name						
Arrington, Ryan, T, ,		Date of Receipt					
Mailing Address 2980 Fairview Park Drive		08 23 2019					
City	State Zip Code	Transaction ID : A2019-1974206					
Falls Church	VA 22042	Amount of Each Receipt this Period					
FEC ID number of contributing federal political committee.	C	19.23					
Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual)  Dir Programs	Memo Item					
Receipt For:	Aggregate Year-to-Date ▼						
Primary General							
Other (specify) ▼	326.91						
Full Name of Individual (Last, First, Middle In Arsenault, Arthur, A,	itial) or Full Organization Name	Date of Receipt					
Mailing Address 2980 Fairview Park Drive		08					
City	State Zip Code VA 22042	Transaction ID : A2019-1952187					
Falls Church	VA 22042	Amount of Each Receipt this Period					
FEC ID number of contributing federal political committee.	C	40.00					
Name of Employer (for Individual)	Occupation (for Individual)	Memo Item					
Northrop Grumman Corporation	Dir Engineering	_					
Receipt For:	Aggregate Year-to-Date ▼						
Primary General	640.00						
Other (specify)	040.00						
SUBTOTAL of Receipts This Page (optional)		78.46					
TOTAL This Period (last page this line number	only)						

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Arsenault, Arthur, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973668 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Asher, Edward, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951169 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Org Effectiveness Rep Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Asher, Edward, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973416 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Org Effectiveness Rep Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Asti, Brian, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951224 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Asti, Brian, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973470 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Atelsek, Thomas, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952200 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Atelsek, Thomas, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973681 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Athar, Rafy, U, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949655 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 423.17 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Athar, Rafy, U, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972006 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 461.64 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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50 OF 1574 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Atkinson, Charles, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951262 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Atkinson, Charles, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971504 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ault, Tina, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951916 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Start Up Company Staff Proposal Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ault, Tina, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972224 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Proposal Analyst Start Up Company Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Autry, Brian, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949108 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 365.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Autry, Brian, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975275 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 403.76 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Avink, Denise, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973434 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Start Up Company Dir Compensation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Axelson, Eric, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949110 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 206.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Axelson, Eric, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975277 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 221.00 Other (specify) 50.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ayache, Fayda, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 09 State Zip Code Transaction ID: A2019-1952052 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Suply Chn Subcntrct Spec Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ayache, Fayda, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971930 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Suply Chn Subcntrct Spec Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name

c. Ayer, Walter, G, ,	Date of Receipt		
Mailing Address 2980 Fairview Park Drive		08 09 2019	
City	State	Zip Code	Transaction ID : A2019-1953548
Falls Church	VA	22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	С		25.00
Name of Employer (for Individual)  Northrop Grumman Corporation	Occupa Mgr Pro	ation (for Individual)	Memo Item
Receipt For: Primary General Other (specify)	Aggregate Ye	ar-to-Date ▼ 400.00	
SUBTOTAL of Receipts This Page (optional)		·····	63.46
TOTAL This Period (last page this line number	er only)	•	
			FEC Schedule A (Form 3X) Rev. 06/2

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ayer, Walter, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971462 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ayotte, Brett, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950646 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ayotte, Brett, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1975057 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 125.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Azimi, Majid, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953549 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Engineer Digital Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Azimi, Majid, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971463 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Digital Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Baba, Wesley, N., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949664 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 120.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1920.00 Other (specify) 170.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Baba, Wesley, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972015 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 120.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 2040.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Babineaux, Caroline, V, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1952267 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 34.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 544.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Babineaux, Caroline, V., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973747 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 34.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 578.00 Other (specify) 188.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Baker, Brenna, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952291 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Baker, Brenna, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1973771 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Baker, Darrell, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949654 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 117.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Baker, Darrell, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972005 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Program Control Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Baker, Leslie, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950598 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Cybr Incdt Anlys Res Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Baker, Leslie, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974962 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Cybr Incdt Anlys Res Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Baker, Mercedes, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950735 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Baker, Mercedes, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973147 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Baker, Richard, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949114 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

# SCHEDULE A (FEC Form 3X)

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ITEMIZED RECEIPTS 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Baker, Richard, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975281 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Baldelli, Dario, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949682 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 616.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Baldelli, Dario, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974000 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) 117.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Balderson, Diane, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953171 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 95.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Contracts and Pricing Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1522.40 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Balderson, Diane, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972518 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 95.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Contracts and Pricing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1617.55 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Balke, Paul, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949634 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 228.77 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Barre, Bart, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950318 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp Dir Asst General Counsel Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Barre, Bart, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974647 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp Dir Asst General Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 510.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Barreda, Sandra, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953145 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Employee Relations Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 98.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Barreda, Sandra, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972491 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Employee Relations Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Barrett, Zeina, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950914 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Barrett, Zeina, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974980 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each categ Detailed Sumn Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Barrial, Raul, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952239 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Barrial, Raul, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973719 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Barrigan, James, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952678 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 115.41 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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73 OF 1574 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Barrus, Diana, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952270 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Barrus, Diana, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973750 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Bartlett, Scott, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949975 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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1574 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bartlett, Scott, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973919 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Barton, Jennifer, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952254 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Barton, Jennifer, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973734 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Basarab, Meghan, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971239 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Pricing Cost Estimating Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 561.64 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Basco, Matthew, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1951751 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Basco, Matthew, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972059 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 115.39 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Basford, David, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950775 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 720.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Basford, David, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973187 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 765.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Batchelor, Paul, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951174 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 128.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Batista, Michael, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950917 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Batista, Michael, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974983 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Batkin, Gabrielle, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949887 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 192.31 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Legislative Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General 3076.96 Other (specify) 232.31 SUBTOTAL of Receipts This Page (optional).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Batkin, Gabrielle, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972851 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 192.31 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Legislative Affairs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 3269.27 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Batley, Andrew, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952315 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Batley, Andrew, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973795 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 230.77 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Battle, Jennifer, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951777 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Battle, Jennifer, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972085 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bauer, Gregg, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950993 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) 115.42 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Beals, Todd, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949610 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Beals, Todd, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971960 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Beardsley, Harry, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1950128 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Benoit, Kevin, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951793 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Benoit, Kevin, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972101 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bent, John, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951096 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bent, John, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973343 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bent, Shannon, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952198 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Bent, Shannon, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973679 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 88.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bentley, Misty, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950403 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bentley, Misty, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974732 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Benton, Dinah, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950452 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Industrial Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) 106.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Benton, Dinah, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974781 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Industrial Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 510.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Benvenutti, Eugene, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952411 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 420.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Benvenutti, Eugene, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971153 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 460.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Beresford, Jason, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952024 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Mechanical Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Beresford, Jason, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971902 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Mechanical Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Berger, James, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975302 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 23.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 207.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Berkowitz, Kevin, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971873 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Berman, Shelly, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1950747 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Berman, Shelly, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973159 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bernstein, Joshua, I,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974733 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Berrang, Michael, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952385 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 616.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Berrang, Michael, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971127 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) 115.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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fo D Any information copied from such Reports and Statements may no or for commercial purposes, other than using the name and address NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Berry, Burton, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 09 City Zip Code State Transaction ID: A2019-1952454 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Berry, Burton, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971196 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Berry, Cynthia, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950382 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Staff Engr Mfg Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Primary

General

### SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bidlack, John, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950373 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Engr Mfg Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Bidlack, John, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974701 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Engr Mfg Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Binette, David, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953541 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼

Other (specify)	400.00			
SUBTOTAL of Receipts This Page (optional)	<b>&gt;</b>	. ,	65	5.00
TOTAL This Period (last page this line number	only)			

400.00

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Binette, David, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971455 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Bird, John, D, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949402 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Government Relations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 290.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bird, John, D, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975311 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Government Relations Receipt For: Aggregate Year-to-Date ▼ Primary General 330.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Birdwell, Julia, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951167 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 240.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Birdwell, Julia, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973414 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 260.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bishop, Jane, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950227 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) 136.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bishop, Jane, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974557 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.55 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bishop, Lee, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950798 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bishop, Lee, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973210 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 136.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bishop, Ruth, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950636 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 120.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Mission and Qual Assurance Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bishop, Ruth, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1975047 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 120.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Mission and Qual Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2040.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bittner, Eileen, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950667 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 290.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bittner, Eileen, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973079 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Pricing Cost Estimating Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bittner, Kevin, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950686 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bittner, Kevin, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973098 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1600.00 Other (specify) 250.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Black, Gregory, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952501 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 960.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Black, Gregory, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971243 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1020.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Black, Ryan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952952 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 158.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Black, Ryan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974461 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Blalock, Steven, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950853 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Blalock, Steven, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974882 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 118.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Blank, Marisol, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953356 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 461.64 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Blank, Marisol, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971088 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.11 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Blankenship, William, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951760 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Blankenship, William, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972068 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Blaszczak, Dru, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953551 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 523.17 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Blaszczak, Dru, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971465 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 561.64 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Block, Thomas, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950326 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Block, Thomas, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974654 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bloodgood, David, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950949 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bloodgood, David, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971279 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Blue, Marci Rae, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 80 2019 City State Zip Code Transaction ID: A2019-1952703 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52  $\mathbb{A}$ 

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Full Name of Individual (Last, First, Middle In Blue, Marci Rae, , ,	nitial) or Full Or	ganization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive			08 23 2019
City	State	Zip Code	Transaction ID : A2019-1974210
Falls Church	VA	22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C		38.47
Name of Employer (for Individual)	Occu	pation (for Individual)	Memo Item
Northrop Grumman Corporation	Mgr F	Procurement	
Receipt For: Primary General Other (specify)	Aggregate \	/ear-to-Date ▼ 653.99	
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Boak, Richard, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973129 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 120.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and CFO Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2040.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Boehne, Richard, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953419 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Boehne, Richard, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972606 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 160.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

# SCHEDULE A (FEC Form 3X)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Boeringer, Daniel, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950470 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Boeringer, Daniel, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974799 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bogaczyk, Linda, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953083 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 249.99 Other (specify) 57.69 SUBTOTAL of Receipts This Page (optional).....

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for each ca Detailed Su Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bogaczyk, Linda, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972428 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 269.22 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Boger, David, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951161 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Boger, David, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1973408 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Boggs, Nancy, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950640 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Mgr Enterprise Wide Apps Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Boggs, Nancy, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975051 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mgr Enterprise Wide Apps Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Boley, Leah, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949716 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Communications** Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Boley, Leah, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974034 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Bolton, John, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949522 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bolton, John, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975092 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bolton, Thomas, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952484 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Consulting Chief Engineer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bolton, Thomas, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971226 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Boltz, Laura, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953218 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 115.39 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

# SCHEDULE A (FEC Form 3X)

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NAME OF COMMITTEE (In Full) Employees of Northrop Grumm	nan Corporation PAC	
Full Name of Individual (Last, First, Middle In Boltz, Laura, , ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual)  Northrop Grumman Corporation  Receipt For:  Primary General Other (specify)	State Zip Code 22042  C Occupation (for Individual) Mgr Systems Engineering  Aggregate Year-to-Date   653.99	Date of Receipt  08 23 2019  Transaction ID : A2019-1970950  Amount of Each Receipt this Period  38.47  Memo Item
Full Name of Individual (Last, First, Middle In Boluda, Jose, M, ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:  Primary General Other (specify)	State Zip Code VA 22042  C  Occupation (for Individual) Dir Government Affairs  Aggregate Year-to-Date  640.00	Date of Receipt  08 09 2019  Transaction ID: A2019-1950504  Amount of Each Receipt this Period  40.00  Memo Item
Full Name of Individual (Last, First, Middle In Boluda, Jose, M, ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:  Primary General Other (specify)	State Zip Code VA Z2042  C  Occupation (for Individual) Dir Government Affairs  Aggregate Year-to-Date  680.00	Date of Receipt    Mark
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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Boniello, Anthony, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950007 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Electronics Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Boniello, Anthony, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1972617 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Electronics Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bonner, Jennifer, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952876 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bonner, Jennifer, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974384 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bonsaint, Thomas, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953098 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 618.47 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bonsaint, Thomas, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972443 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 656.94 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Booska, Cynthia, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949549 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Booska, Cynthia, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974860 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Borden, Scott, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950823 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 130.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Borden, Scott, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973234 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Botsford, Kelly, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950145 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Botsford, Kelly, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972980 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 126.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bottlinger, Esteen, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949409 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bottlinger, Esteen, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975318 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 540.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bouchard, David, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953565 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 160.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bouchard, David, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973300 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bouchard, Silvia, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950135 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 68.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1088.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Bouchard, Silvia, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1972970 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 68.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 1156.00 Other (specify) 176.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bourque, Robert, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971613 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Bouzas, Dean, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1950177 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bouzas, Dean, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1973010 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 76.93 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bower, Elizabeth, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951085 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Bus Dev Operations Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Bower, Elizabeth, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971414 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Bus Dev Operations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bowers, Douglas, K, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1949410 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Test Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bowers, Douglas, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975319 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Engineer Test Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bowie, Christopher, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951401 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bowie, Christopher, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971643 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bowie, Michael, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951361 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Bowie, Michael, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971604 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Bowman, Jennifer, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949411 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bowman, Jennifer, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975320 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Bowman, Ryan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952631 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Field Engineering Svcs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bowman, Ryan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974141 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Field Engineering Svcs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Boyd, Craig, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951002 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Boyd, Craig, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971331 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Boyd, Timothy, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951354 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) 138.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Boyd, Timothy, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971597 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Boyer, Christopher, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953226 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Boyer, Christopher, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1970958 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 76.96 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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\	NAME OF COMMITTEE (In Full)				
$\rangle$	Employees of Northrop Grumman	Corpora	tion PAC		
١.	Full Name of Individual (Last, First, Middle Initial) Brabant, Paul, D, ,	) or Full Orga	nization Name	Da	ate of Receipt
	Mailing Address 2980 Fairview Park Drive			Γ	08 23 2019
	City	State	Zip Code	7	Fransaction ID : A2019-1974038
	Falls Church	VA	22042	Ar	nount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С			20.00
	Name of Employer (for Individual)	Occupa	ation (for Individual)		Memo Item
	Northrop Grumman Corporation	Staff E	ngr Microelec Smcndctr		
		Aggregate Ye	ar-to-Date ▼		
	Primary General Other (specify) ▼		340.00		
	Carier (specify) \(\Psi\)		040.00		
	Full Name of Individual (Last, First, Middle Initial)	) or Full Orga	anization Name		
3.	Bracken, Michael, R, ,			Da	ate of Receipt
	Mailing Address 2980 Fairview Park Drive				08 09 2019
	City	State	Zip Code	<u></u>	Transaction ID : A2019-1950514
	Falls Church	VA	22042		nount of Each Receipt this Period
	FEC ID number of contributing				100.00
	federal political committee.	C			100.00
	Name of Employer (for Individual) Northrop Grumman Corporation		ation (for Individual) gineering		Memo Item
	Receipt For:	Aggregate Ye	<u> </u>		
	Primary General	33 - 3 - 10			
	Other (specify) ▼	,	1600.00	_	
	Full Name of Individual (Last, First, Middle Initial) Bracken, Michael, R, ,	) or Full Orga	nization Name	Di	ate of Receipt
٠.	Mailing Address 2980 Fairview Park Drive				M M / D D / Y Y Y Y
					08 23 2019
	City	State	Zip Code		Fransaction ID : A2019-1974843
	Falls Church	VA	22042	Ar	nount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С			100.00
	Name of Employer (for Individual)	Occupa	ation (for Individual)	<del>-  </del>   [	Memo Item
	Northrop Grumman Corporation		gineering		
		Aggregate Ye	ar-to-Date ▼		
	Primary General Other (specify)		1700.00		
	Other (specify)		17 00.00		
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bradley, Randy, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950688 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bradley, Randy, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973100 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 663.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Bradley, Sonya, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951973 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 672.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bradley, Sonya, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972280 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Principal Project Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 714.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Bradt, Joan, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949605 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr HR Information Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bradt, Joan, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971955 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr HR Information Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 82.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Brammer, David, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951185 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 41.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 656.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Brammer, David, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973432 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 41.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 697.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Branscombe, Steven, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951815 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 122.00 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Branscombe, Steven, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972123 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Brashear, Troy, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952681 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Brashear, Troy, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1974188 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Braun, Richard, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950869 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Braun, Richard, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974898 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Breckenridge, Richard, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949869 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Government Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.72 Other (specify) 176.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Breckenridge, Richard, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972833 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Government Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.89 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Breen, Donald, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950319 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Breen, Donald, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974648 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 176.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Bremer, Brent, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951022 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Bremer, Brent, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971351 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Brewer, Kelly, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953473 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Brewer, Kelly, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972868 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Bricker, Stacey, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950883 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Bricker, Stacey, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974912 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Brissette, Bruce, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952193 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Brissette, Bruce, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973674 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Brix, Kai, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950166 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Staff Engr Sys Architect Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Brix, Kai, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972999 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Staff Engr Sys Architect Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Brizzi, Carolyn, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950554 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Org Effectiveness Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Brizzi, Carolyn, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973057 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Org Effectiveness Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Brohawn, Richard, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950501 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Cnsltng Engr Embedded S/W Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 240.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Brohawn, Richard, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974830 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Cnsltng Engr Embedded S/W Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 260.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Brooks, Brian, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949880 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Brooks, Brian, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972844 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Engineer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Brooks, Jennifer, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953049 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 476.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Brooks, Jennifer, B., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972394 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General 514.50 Other (specify) 115.47 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Brooks, Peter, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953284 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Talent Acquisition** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Brooks, Peter, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971016 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Talent Acquisition** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Broussard, Donna, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949934 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Bus Dev Operations Receipt For: Aggregate Year-to-Date ▼ Primary General 540.00 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Broussard, Donna, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973879 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Bus Dev Operations Receipt For: Aggregate Year-to-Date ▼ Primary General 580.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Brown, Bruce, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951013 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Cyber Architect Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Brown, Bruce, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971342 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Cyber Architect Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Burchell, Andrea, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972214 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Principal Engineer Mechanical Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 327.25 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Bureman, John, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950794 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Accounting Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 556.92 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Bureman, John, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973206 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Accounting Receipt For: Aggregate Year-to-Date ▼ Primary General 576.15 Other (specify) 57.71 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Burger, Zechariah, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953604 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Human Resources Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Burger, Zechariah, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971440 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Burgess, Andrea, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952619 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Burnett, Brandi, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971266 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Burris, Myra, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953462 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Pgm Cst Schd Cntrl Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Burris, Myra, V, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972748 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Pgm Cst Schd Cntrl Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.40 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Burtle, Kristen, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953406 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Burtle, Kristen, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972593 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Burton, Scott, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950956 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Burton, Scott, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971286 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Bush, Wesley, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950812 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 190.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chairman Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 3040.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Butler, Daniel, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949681 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Prncpl Pgm Plng Schdlng Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General 292.50 Other (specify) 249.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Butler, Daniel, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973999 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Prncpl Pgm Plng Schdlng Anlyst Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 312.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Butler, Suzanne, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949908 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Butler, Suzanne, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973330 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 96.42 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Butta, Mitchell, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950669 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Butta, Mitchell, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973081 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Butterfield, Troy, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951552 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Database Archite Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) 106.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Butterfield, Troy, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971793 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Database Archite Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 510.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Buzby, John, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950323 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1600.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Buzby, John, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974652 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1700.00 Other (specify) 230.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cabbell, Daniel, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949731 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Cabbell, Daniel, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974048 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cadmus, David, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952553 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 88.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cadmus, David, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973956 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Calderon, Bernand, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953048 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 21.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 336.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Calderon, Bernand, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972393 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 21.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 357.00 Other (specify) 80.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Caldwell, Richard, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951513 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr CA and PTW Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Caldwell, Richard, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971755 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr CA and PTW Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Caldwell, Russell, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952208 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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SCHEDULE A (FEC Form 3X) FOR LINE NUMBER: PAGE 198 OF Use separate schedule(s) (check only one) ITEMIZED RECEIPTS for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Calhoun, Donald, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950834 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Calhoun, Donald, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973245 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Calhoun, Thomas, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019

City Zip Code State Transaction ID: A2019-1951287 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Callis, Mark, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973148 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Camp, Arlene, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950032 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP** Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1538.40 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Camp, Arlene, L., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972641 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP** Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.55 Other (specify) 232.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Campbell, David, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951999 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Campbell, David, B., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972306 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Campbell, Marie, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1951752 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 118.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Campbell, Stephen, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973832 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Campbell, Stephen, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971561 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Canada, Donald, E., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1950740 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Real Estate Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Canada, Donald, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973152 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Real Estate Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Cangianelli, Joanna, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953236 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cangianelli, Joanna, C., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1970968 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cannella, Elaine, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951252 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Cannella, Elaine, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971494 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cantero, Pete, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1953498 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cantero, Pete, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972893 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Canto, Gabriel, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951979 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Canto, Gabriel, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972286 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 76.93 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Canty, Francis, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953142 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Canty, Francis, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972488 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Capoccia, Michael, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952061 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Capoccia, Michael, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971938 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Caprilla, John, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950867 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.11 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Caprilla, John, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974896 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 538.58 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Carlson, Kenneth, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949434 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Carlson, Kenneth, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975343 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 360.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Carmody, Thomas, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951866 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Carmody, Thomas, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972174 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Carnesi, Steven, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950003 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Carnesi, Steven, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972613 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Carney, Andrew, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951393 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Test Conductor Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Carney, Andrew, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971635 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Test Conductor Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Carney, Donald, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952869 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp Dir Division Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Carney, Donald, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974377 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp Dir Division Counsel Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Carolan, Marie-Louise, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953099 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Human Resources and Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1538.40 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Carolan, Marie-Louise, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972444 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Human Resources and Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.55 Other (specify) 230.77 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Carr, John, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973311 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Carroll, Carrie, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953499 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Carroll, Carrie, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972894 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Carroll, Judy, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949562 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Carroll, Judy, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974872 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Carroll, Kevin, B., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949435 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Carroll, Kevin, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975344 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Carrozza, Dominic, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950426 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Carrozza, Dominic, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974755 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Carruth, Cory, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952319 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 97.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Production Operations** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1552.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Carruth, Cory, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973799 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 97.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Production Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1649.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Carstens, Ruth, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950330 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Org Effectiveness Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 232.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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	1 -7	1		
Α.	Full Name of Individual (Last, First, Middle Init Carstens, Ruth, P, ,	ial) or Full O	rganization Name	Date of Receipt
Λ.	Mailing Address 2980 Fairview Park Drive			M M / D D / Y Y Y Y
	Zoo Tanview Tank Brive			08 23 2019
	City	State	Zip Code	Transaction ID : A2019-1974658
	Falls Church	VA	22042	Amount of Each Receipt this Period
	FEC ID number of contributing			
	federal political committee.	C		38.46
	Name of Employer (for Individual)	Occi	upation (for Individual)	Memo Item
	Northrop Grumman Corporation			
	Receipt For:	Aggregate	Year-to-Date ▼	
	Primary General	33 3 3		
	Other (specify) ▼		653.82	
_	Full Name of Individual (Last, First, Middle Init	ial) or Full O	rganization Name	Data of Bassint
В.	Carter, Michael, J, ,			Date of Receipt
	Mailing Address 2980 Fairview Park Drive			08 09 2019
	City	State	Zip Code	Transaction ID : A2019-1952358
	Falls Church	VA	22042	Amount of Each Receipt this Period
	FEC ID number of contributing			00.50
	federal political committee.	C		38.50
	Name of Employer (for Individual) Northrop Grumman Corporation		upation (for Individual) f Engineer	Memo Item
	Receipt For:	Aggregate	Year-to-Date ▼	
	Primary General	Aggregate	Tear to Bate 1	
	Other (specify) ▼		616.00	
<u>с</u> .	Full Name of Individual (Last, First, Middle Init Carter, Michael, J, ,	ial) or Full O	rganization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			08 23 2019
	City	State	Zip Code	Transaction ID : A2019-1973839
	Falls Church	VA	22042	Amount of Each Receipt this Period
	FEC ID number of contributing			
	federal political committee.	C		38.50
	Name of Employer (for Individual)	Occi	upation (for Individual)	Memo Item
	Northrop Grumman Corporation	Staff	Engineer	
	Receipt For:	Aggregate	Year-to-Date ▼	
	Primary General	199.191		
	Other (specify)		654.50	
S	SUBTOTAL of Receipts This Page (optional)		<b>&gt;</b>	115.46

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cartney, Douglas, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950698 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Cartney, Douglas, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973110 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Carus, Frank, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950098 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Mission and Qual Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 1544.00 Other (specify) 176.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Carus, Frank, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972708 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Mission and Qual Assurance Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1640.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Casabella, Susan, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950056 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Intl Trd CmpInce Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Casabella, Susan, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972666 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Intl Trd CmpInce Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 136.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Casali, Albert, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950040 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Hardware Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Casali, Albert, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972650 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Hardware Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Casao, Steven, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1951392 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Configuration Analysis Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional).....

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Casper, Scott, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951898 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Tool Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Casper, Scott, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972206 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Tool Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Castelli, Randal, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950718 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 26.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 416.00 Other (specify) 66.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Castelli, Randal, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973130 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 26.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 442.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Castellon, Jose, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952085 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Castellon, Jose, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972345 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 106.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Castillo, Beatrice, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953610 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Castillo, Beatrice, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971446 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cauley Bruner, Rhobabeh, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952322 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 577.05 Other (specify) 115.41 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Caylor, Mark, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973495 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 182.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp VP and President MS Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 3099.10 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Chamblin, Richard, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950793 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Govt Affairs Rep Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Chamblin, Richard, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973205 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Govt Affairs Rep Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 259.22 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Chambliss, Chris, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952951 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Chambliss, Chris, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974460 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Champion, Brad, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950407 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 118.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Champion, Brad, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974736 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Chan, Wingsiu, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950961 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Chan, Wingsiu, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971291 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 118.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Chaney, Daniel, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971493 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Comptr Sys Architecture Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Chao, Jerry, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950634 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Chao, Jerry, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975045 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.44 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Chappel, Brian, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973188 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and General Manager Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Charan, Maureen Malone, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951961 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 415.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Charan, Maureen Malone, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972268 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 440.00 Other (specify) 130.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Chavez, Donald, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952214 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Asoc Gen Cnsl and Sctr Cnsl Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Chavez, Donald, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973695 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Asoc Gen Cnsl and Sctr Cnsl Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1634.55 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Chen, Wayne, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952959 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 232.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Chen, Wayne, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974468 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Chen, Wennei, Y, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950707 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Chen, Wennei, Y, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973119 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

## SCHEDULE A (FEC Form 3X)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Chen, Willa, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952323 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Chen, Willa, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973803 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Chen, Yaochung, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951171 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) 106.94 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cheung, Alvin, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973800 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 23.81 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 404.77 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Cheung, Francis, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949689 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Cheung, Francis, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974007 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 63.81 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Chhina, Puneet, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952788 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Tool Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Chhina, Puneet, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974295 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Tool Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Childers, Harold, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950419 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Software Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 97.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Christensen, Drew, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953213 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Christensen, Drew, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1970945 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Christiansen, Martin, B., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950516 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Mechanical Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Chun, Noel, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972139 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Info Sys Proj Mgr Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Chung, Karen, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952531 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Chung, Karen, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973851 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Clark, Ben, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952556 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Clark, Ben, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973959 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Clark, Edward, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950119 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 57.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_\_

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Clark, Edward, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972954 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Clark, Michael, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950704 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp Dir Corp Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Clark, Michael, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952695 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Configuration Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cleveland, Joel, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951833 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Cleveland, Joel, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972141 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Clower, Dayna, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951269 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Clower, Dayna, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971511 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Consulting Chief Engineer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Cloyd, Joseph, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949780 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cloyd, Joseph, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974097 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Development Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Coleman, Stephen, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950996 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Coleman, Stephen, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971325 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Collier, Wesley, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949706 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Collier, Wesley, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974024 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Collins, Donal, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953560 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Collins, Donal, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971474 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 88.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Collins, Pamela, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949656 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 26.32 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Prncpl Pgm Plng Scdlg Anlys Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 421.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Collins, Pamela, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972007 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 26.32 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Pgm Plng Scdlg Anlys Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 447.44 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Collins, Patrick, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949932 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 91.11 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Collins, Patrick, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973877 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Collins, Traci, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950741 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 616.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Collins, Traci, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973153 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) 115.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Comiskey, John, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949527 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Comiskey, John, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971265 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Common, Russell, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1951870 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Common, Russell, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972178 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Compean, Carlos, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949649 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Compean, Carlos, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972000 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Conery, Mark, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950248 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Conery, Mark, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974578 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Conn, Delbert, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949816 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 308.00 Other (specify) 96.19 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Conn, Delbert, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972779 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 327.25 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Connell, Marisa, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952906 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 550.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Connell, Marisa, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974415 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 590.00 Other (specify) 99.25 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Connell, William, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952671 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Structural Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Connell, William, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974179 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Structural Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Conner, Kevin, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950734 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Info Sys Tech Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 99.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Conner, Kevin, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973146 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Info Sys Tech Analyst Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Connors, Brian, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951645 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Connors, Brian, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971888 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Connors, Ronald, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971872 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 35.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 595.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Conrad, Michael, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952097 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 616.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Conrad, Michael, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973578 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) 112.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Conrad, Stephen, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950821 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Conrad, Stephen, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973232 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Conroy, James, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1951020 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1314.04 Other (specify) 146.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Conroy, James, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971349 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1410.21 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Conway, Scott, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951246 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Conway, Scott, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971488 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 173.09 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Corley, Kelvin, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953501 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Corley, Kelvin, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972896 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cornehl, Kevin, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951101 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 240.00 Other (specify) 95.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cornehl, Kevin, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973348 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 255.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Cornwell, Jason, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1953037 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Engineer Software Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cornwell, Jason, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972381 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Engineer Software Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 55.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Corrigan, Jason, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952786 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Corrigan, Jason, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974293 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Corso, Michael, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950618 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Engr Embedded S/W Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cotter, Thomas, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973473 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Couch, Jessica, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951596 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Couch, Jessica, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971838 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 99.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Coulon, Bridget, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950730 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Human Resources and Admin Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.72 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Coulon, Bridget, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973142 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Human Resources and Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1634.89 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Cowen, Kathryn, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949709 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 230.81 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cox, John, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953045 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Assistant General Counsel Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Cox, John, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972389 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Assistant General Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1634.55 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Cox, Kenneth, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952740 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 242.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Crain, Paul, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952738 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Crain, Paul, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974245 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Crane, Trevis, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952533 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Crane, Trevis, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973853 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 703.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Crawford, Douglas, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950463 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 240.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Crawford, Douglas, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1974792 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 255.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cromer, Richard, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952864 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Cromer, Richard, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974372 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cromer, Stephanie, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952526 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Crooks, Richard, S, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950133 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Crooks, Richard, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1972968 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cross, Michael, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950187 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 75.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Crossland, Peter, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950857 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engr Sys Architect Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Crossland, Peter, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974886 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engr Sys Architect Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Crough, Raymond, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949455 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 308.00 Other (specify) 138.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Croyle, Elizabeth, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952909 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Croyle, Elizabeth, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974418 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Crudele, Scott, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950861 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) 138.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Culmo, James, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973885 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 423.17 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Culpepper, Kevin, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951383 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Culpepper, Kevin, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971625 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Development Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 76.93 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Cunningham, Justin, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953023 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Cunningham, Justin, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1972367 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Cunningham, Shawn, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953461 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 600.00 Other (specify) 126.94 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Curl, James, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950375 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1600.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Curl, James, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974703 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1700.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Curtin, Michael, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950173 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 240.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Curtin, Michael, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973006 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Curtis, Nathaniel, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952828 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Engr RF Microwv Dsgn Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 352.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Curtis, Nathaniel, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974335 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Engr RF Microwv Dsgn Receipt For: Aggregate Year-to-Date ▼ Primary General 374.00 Other (specify) 84.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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NAME OF COMMITTEE (In Full)								

Employees of Northrop Grumn	nan Corporation PAC						
Full Name of Individual (Last, First, Middle II  Danick, Michael, A, ,	nitial) or Full Organization Name	Date of Receipt					
Mailing Address 2980 Fairview Park Drive  City	State Zip Code	08 23 2019					
Falls Church	VA 22042	Transaction ID : A2019-1975016  Amount of Each Receipt this Period					
FEC ID number of contributing federal political committee.	C	38.47					
Name of Employer (for Individual)  Northrop Grumman Corporation	Memo Item						
Receipt For:  Primary General  Other (specify) ▼	Aggregate Year-to-Date ▼ 653.99						
Full Name of Individual (Last, First, Middle In Daniels, Thomas, , ,  Mailing Address 2980 Fairview Park Drive	nitial) or Full Organization Name	Date of Receipt					
City	State Zip Code	08 09 2019  Transaction ID : A2019-1952027					
Falls Church	VA 22042	Amount of Each Receipt this Period					
FEC ID number of contributing federal political committee.	ů						
Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual)  Mgr Information Technology	Memo Item					
Receipt For:  Primary General  Other (specify) ▼	Aggregate Year-to-Date ▼ 400.00						
Full Name of Individual (Last, First, Middle In Daniels, Thomas, , ,	nitial) or Full Organization Name	Date of Receipt					
Mailing Address 2980 Fairview Park Drive		08 23 2019					
City Falls Church	State Zip Code VA 22042	Transaction ID : A2019-1971905  Amount of Each Receipt this Period					
FEC ID number of contributing federal political committee.	C	25.00					
Name of Employer (for Individual)  Northrop Grumman Corporation	Occupation (for Individual)  Mgr Information Technology	Memo Item					
Receipt For: Primary General Other (specify)	Aggregate Year-to-Date ▼ 425.00						
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for each ca Detailed S Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Davidson, Greg, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974665 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Proposals Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Davies, Benjamin, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952480 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and CIO Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Davies, Benjamin, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1971222 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and CIO Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Davis, Amanda, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1948958 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Strategy & Integration Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 464.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Davis, Amanda, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975371 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Strategy & Integration Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 522.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Davis, Amy, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1975372 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General 225.00 Other (specify) 141.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Davis, Howard, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953307 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Davis, Howard, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971039 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 663.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Davis, James, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950391 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Engr Mission Assuran Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 118.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Davis, James, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974719 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Engr Mission Assuran Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Davis, Kenneth, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953149 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Davis, Kenneth, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972496 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name De La O, Gary, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952334 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Electrical Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. De La O, Gary, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973814 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Electrical Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. De Prins, Christian, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953225 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 308.00 Other (specify) 78.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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or	for commercial purposes, other than using the r	name and a	address of any political committee to	o solicit contributions from such committee.
$\rangle$	NAME OF COMMITTEE (In Full) Employees of Northrop Grumma	n Corpo	oration PAC	
Α.	Full Name of Individual (Last, First, Middle Initial Deal, Glen, E, ,	al) or Full C	Organization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			08 23 2019
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1973291
	FEC ID number of contributing federal political committee.	C	22012	Amount of Each Receipt this Period 20.00
	Name of Employer (for Individual)  Northrop Grumman Corporation		upation (for Individual) Staff Engineer Systems	Memo Item
	Receipt For:  Primary General  Other (specify) ▼	Aggregate	Year-to-Date ▼ 340.00	
В.	Full Name of Individual (Last, First, Middle Initial Dean, John, W, ,  Mailing Address 2980 Fairview Park Drive	al) or Full C	Organization Name	Date of Receipt
	City	State	Zip Code	08 09 2019  Transaction ID : A2019-1950517
	Falls Church	VA	22042	Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		40.00
	Name of Employer (for Individual) Northrop Grumman Corporation		cupation (for Individual) r Programs	Memo Item
	Receipt For:  Primary General  Other (specify) ▼	Aggregate	Year-to-Date ▼  640.00	
С.	Full Name of Individual (Last, First, Middle Initia Dean, John, W, ,	al) or Full C	Organization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			08 23 2019
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1974846  Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		40.00
	Name of Employer (for Individual) Northrop Grumman Corporation		upation (for Individual) Programs	Memo Item
	Receipt For: Primary General Other (specify)	Aggregate	Year-to-Date ▼ 680.00	
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Delaney, Loretta, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951125 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Delaney, Loretta, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973372 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Delaney, Michael, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949503 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Test Receipt For: Aggregate Year-to-Date ▼ Primary General 240.00 Other (specify) 115.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Delaney, Michael, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975073 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Test Receipt For: Aggregate Year-to-Date ▼ Primary General 255.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Deley, Anthony, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951025 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Deley, Anthony, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971354 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 115.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Α.	Full Name of Individual (Last, First, Middle Initi Dempsey, Michael, P, ,	al) or Full Or	ganization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			08
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1953512  Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		96.17
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В.	Full Name of Individual (Last, First, Middle Initi Dempsey, Michael, P, , Mailing Address 2980 Fairview Park Drive	al) or Full Or	ganization Name	Date of Receipt
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1972907  Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		96.17
	Name of Employer (for Individual) Northrop Grumman Corporation		pation (for Individual) Government Programs	Memo Item
	Receipt For:  Primary General  Other (specify) ▼	Aggregate \	Year-to-Date ▼ 480.85	
<del>С</del> .	Full Name of Individual (Last, First, Middle Initi	al) or Full Or	ganization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			08
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1951314  Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		25.00
	Name of Employer (for Individual) Northrop Grumman Corporation Receipt For:	Mgr S	pation (for Individual) Strategic Planning	Memo Item
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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Denham, Stephanie, O,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971557 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Deninger, Frederick, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950080 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Deninger, Frederick, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972690 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Denton, Michael, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953245 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Denton, Michael, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1970977 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Depasquale, John, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1948970 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Mechanical Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Depasquale, John, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975382 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Mechanical Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Deppe, Martin, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949719 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Deppe, Martin, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974036 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Depriest, Paul, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951286 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Staff Cyber Architect Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Depriest, Paul, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971528 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Cyber Architect Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Derringer, Frank, I, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950414 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Facilities Maintenance Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Derringer, Frank, I,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974743 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Facilities Maintenance Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. DeRuyter, Emily, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952168 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. DeRuyter, Emily, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973649 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Descovich, Derek, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950239 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Process Improvement Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Descovich, Derek, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974569 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Process Improvement** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Deshpande, Sonal, B., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950606 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Mission and Qual Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 126.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Devane, Shaun, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952908 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Eng Supplier Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Devane, Shaun, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974417 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Eng Supplier Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Dever, Carl, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950299 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dever, Carl, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974628 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Devine, David, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951369 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Devine, David, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1971612 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Diani, James, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973612 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Dickerson, LeAnn, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1948972 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 464.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Dickerson, LeAnn, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975384 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General 522.00 Other (specify) 154.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Diehl, James, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953205 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Diehl, James, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972553 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Diggles, Robert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953599 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 119.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dillow, Matthew, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1948975 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Contracts** Receipt For: Aggregate Year-to-Date ▼ Primary General 464.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Dillow, Matthew, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975387 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Contracts** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 522.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Dismuke, Kim, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950364 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Regulatory Compliance Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 156.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dismuke, Kim, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974692 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Regulatory Compliance Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Dittman, John, N, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950531 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Dittman, John, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973033 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dixon, Daniel, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953085 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Dixon, Daniel, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972430 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Doami, David, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952145 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 115.41 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Donaldson, Jessica, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950107 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Donaldson, Jessica, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972943 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Dooley, Kevin, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950595 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Business Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 308.00 Other (specify) 119.25 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dooley, Kevin, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974959 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 327.25 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Dorsey, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952798 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Dorsey, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974305 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 119.25 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Doshi, Nimish, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952234 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Internal Audit** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Doshi, Nimish, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973714 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Internal Audit** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1634.55 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Dougherty, Brent, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953057 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 26.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Material Process** Receipt For: Aggregate Year-to-Date ▼ Primary General 416.00 Other (specify) 218.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Doverspike, Joleen, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953616 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Doverspike, Joleen, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971452 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Dowdy, Adam, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950862 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 97.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Downie, Joseph, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949958 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Multiple Functions Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Downie, Joseph, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973903 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Multiple Functions Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Doyle, Brian, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953445 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal FTL-Systems Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dres, Nicholas, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949646 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Dres, Nicholas, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971997 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Dreshfield, Kenneth, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951891 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Duke, Stephen, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949555 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engr Sys Moding Simul Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Duke, Stephen, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974866 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engr Sys Moding Simul Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Dulay, Scott, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952607 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dulay, Scott, E, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974117 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Dullea, Lee Anne, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953581 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 624.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Dullea, Lee Anne, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973316 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) 97.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dunlap, Helmut, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951249 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Dunlap, Helmut, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971491 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Dunlap, Tara, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953358 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 57.69 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General 923.04 Other (specify) 96.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dyess, Robert, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953491 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Government Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Dyess, Robert, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972886 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Government Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1634.55 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Dykes, Alton, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953203 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 230.77 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Dykes, Alton, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972551 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Dyster, John, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1948981 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 768.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Dyster, John, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1975393 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 864.00 Other (specify) 230.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Eaker, August, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1948982 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Prncpl Engineer Propulsion Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Eaker, August, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975394 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Prncpl Engineer Propulsion Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 405.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Earnest, Jeffrey, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952592 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engr Sys Architect Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Earnest, Jeffrey, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973995 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engr Sys Architect Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Earnest, William, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950488 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Earnest, William, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974817 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ecker, Kristopher, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953064 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 576.90 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ecker, Kristopher, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972409 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Eckman, Emmet, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950367 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) 115.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Edell, George, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952725 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Edell, George, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974232 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Edgerton, Terence, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950495 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 76.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Edwards, Elisabeth, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974858 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Pricing Cost Estimating Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1020.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Edwards, Julie, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953208 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Engineer Environment Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 327.75 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Edwards, Julie, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952811 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 117.71 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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$\rangle$	NAME OF COMMITTEE (In Full) Employees of Northrop Grumman (	Corpo	rati	ion PAC													
١.	Full Name of Individual (Last, First, Middle Initial) of Ehman, Julia, L, ,	of Individual (Last, First, Middle Initial) or Full Organization Name ulia, L, ,						Date of Receipt									
	Mailing Address 2980 Fairview Park Drive		08 09 2019														
	,	State VA		Zip Code 22042	Transaction ID : A2019-1950619  Amount of Each Receipt this Period												
	FEC ID number of contributing federal political committee.		Ξ		38.47												
	Name of Employer (for Individual) Northrop Grumman Corporation			on (for Individual) ems Engineering		Memo Item											
	Receipt For:  Primary General  Other (specify) ▼	ggregate	Year	r-to-Date ▼ 486.23													
3.	Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ehman, Julia, L, ,							Date of Receipt									
	Mailing Address 2980 Fairview Park Drive		08 23 2019														
	City S Falls Church	e Zip Code Transaction ID : A2019-1975030 22042 Amount of Each Receipt this Period															
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	Name of Employer (for Individual) Northrop Grumman Corporation			ion (for Individual) ems Engineering		Memo Item											
	Receipt For:  Primary General  Other (specify) ▼	r-to-Date ▼ 524.70															
<b>)</b> .	Full Name of Individual (Last, First, Middle Initial) c Ehnat, Bradley, A, ,	or Full Oi	rgan	ization Name		ate of	Re	ce	eipt								
	Mailing Address 2980 Fairview Park Drive	] [	08														
	,	State VA		Zip Code 22042	A						<b>2019-1</b> ceipt th						
	FEC ID number of contributing federal political committee.		_			-	_	J	_		,	_	40.0	0			
	Name of Employer (for Individual)  Northrop Grumman Corporation	Occu Dir B		Me	emo	o I	Item										
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ehnat, Bradley, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971283 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Einmo, Kent, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949858 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Computer Systems Analysis Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Einmo, Kent, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972822 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Computer Systems Analysis Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ekhaguere, David, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953266 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 97.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Engr Sys Test Receipt For: Aggregate Year-to-Date ▼ Primary General 1552.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ekhaguere, David, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1970998 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 97.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Engr Sys Test Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1649.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ekstrom, James, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1948987 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Operations Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 234.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ekstrom, James, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975399 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Dir Operations Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Elbert, Eugene, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952286 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Elbert, Eugene, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973766 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Elderdice, Laura, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953111 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Industrial Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 326.53 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Elderdice, Laura, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972456 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Industrial Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 345.76 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Eller, Howard, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951954 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 192.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 3076.80 Other (specify) 230.76 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ellis, Flory, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952324 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ellis, Flory, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973804 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Elmore, Susan, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949483 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Suply Chn Subcntrct Spec Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) 106.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Elmore, Susan, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973284 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Suply Chn Subcntrct Spec Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 510.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Emerson, Amy, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952990 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Emerson, Amy, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974499 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 68.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Any or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Eng, Norman, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950192 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 120.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1920.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Eng, Norman, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974522 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 120.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP** Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 2040.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Engel, Michael, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1975401 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Prod Plng and Schdlr Receipt For: Aggregate Year-to-Date ▼ Primary General 215.00 Other (specify) 265.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name English, Christopher, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951348 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 960.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** English, Christopher, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1971591 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1020.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** English, Rick, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951621 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 158.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name English, Rick, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971864 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Epperly, Wesley, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952379 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Epperly, Wesley, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971121 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 88.47 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Epperson, Sean, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949754 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 14.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 224.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Epperson, Sean, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974071 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 14.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 238.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Erickson, David, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951415 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 47.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Erickson, David, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971657 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Erikson, Carol, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953580 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Erikson, Carol, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973315 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 119.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ervin, Wesley, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972083 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Esparham, Kelli, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951503 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Process Analysis Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 346.23 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Esparham, Kelli, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971745 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Process Analysis Receipt For: Aggregate Year-to-Date ▼ Primary General 384.70 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Etchison, Kristine, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950804 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Etchison, Kristine, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973216 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Evans, Alexander, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950303 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 115.39 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Evans, Heather, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953365 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Principal Project Mgmt Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Evans, Heather, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971096 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Project Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Evans, Karen, Y., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949611 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Evans, Karen, Y,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971961 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Evans, Veldesta, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949779 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 616.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Evans, Veldesta, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974096 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) 96.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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SCHEDULE A (FEC Form 3X) FOR LINE NUMBER: PAGE 444 OF 1574 Use separate schedule(s) (check only one) ITEMIZED RECEIPTS for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fedenko, Christine, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950396 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Cyber Incident Response Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 960.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fedenko, Christine, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 80 2019 City State Zip Code Transaction ID: A2019-1974724 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Cyber Incident Response Receipt For:

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Full Name of Individual (Last, First, Middle In Feige, Jin, Y, ,  Mailing Address 2980 Fairview Park Drive	ailing Address 2980 Fairview Park Drive							
City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1951738  Amount of Each Receipt this Period					
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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Feige, Jin, Y,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972046 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engr Embedded S/W Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Feldman, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951034 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 565.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Feldman, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971363 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 605.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fenn, Sean, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949797 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Configuration Analysis Receipt For: Aggregate Year-to-Date ▼ Primary General 230.76 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fenn, Sean, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972760 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Configuration Analysis Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 249.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Fenton, Lisa, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952774 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 76.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fenton, Lisa, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974281 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fernandez, Rodolfo, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949849 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Fernandez, Rodolfo, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1972812 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.40 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ferranto, Lawrence, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952835 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Production Operations** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ferranto, Lawrence, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974342 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Production Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1700.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ferrer, Zucely, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951721 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 219.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 450 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Feverston, Michael, S, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974987 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Fewell, John, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950945 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Fewell, John, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1975011 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fica, Tina, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952904 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Principal Test Conductor Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Fica, Tina, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974413 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Test Conductor Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Fielden, Charles, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951261 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 76.93 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fielden, Charles, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971503 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Figueredo, Pedro, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949511 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.40 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 614.40 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Figueredo, Pedro, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975081 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.40 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 652.80 Other (specify) 115.27 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Figueroa, Leonard, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951840 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Figueroa, Leonard, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972148 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Filardo, Kathleen, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950617 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Opers Pgm Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Filardo, Kathleen, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975028 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Opers Pgm Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Finn, Wyllette, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950902 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Facilities Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Finn, Wyllette, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974968 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Facilities Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

# SCHEDULE A (FEC Form 3X)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fiore, Louis, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952230 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fiore, Louis, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973710 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Firliet, Lucas, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952781 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Occupation (for Individual) Name of Employer (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

# SCHEDULE A (FEC Form 3X)

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ITEMIZED RECEIPTS for each category **Detailed Summary** Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Firliet, Lucas, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974288 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fisher, Terrance, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953381 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Fisher, Terrance, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972568 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fisher, Zachary, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952002 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Fisher, Zachary, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972309 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Fisk, Jason, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953568 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 57.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fisk, Jason, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973303 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fitzgerald, Timothy, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1949857 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Fitzgerald, Timothy, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972821 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 57.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fitzpatrick, Brian, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951061 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mar Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fitzpatrick, Brian, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971390 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Flaherty, Craig, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950154 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Mechanical Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Flaherty, Craig, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972988 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Staff Engineer Mechanical Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Flamm, Juergen, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952775 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engr Sys Architect Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Flamm, Juergen, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974282 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engr Sys Architect Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 119.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Flammang, Steven, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951929 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Flammang, Steven, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972236 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Flanagan, Karin, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950287 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Mergers and Acquisitions Receipt For: Aggregate Year-to-Date ▼ Primary General 1536.00 Other (specify) 134.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Flanagan, Karin, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974616 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Mergers and Acquisitions Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1632.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Flatt, John, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951278 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Site Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Flatt, John, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1971520 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Site Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 196.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Flowers, Wallace, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971419 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Folz, Veronika, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952604 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Folz, Veronika, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974114 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.41 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Forte, Stephen, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974810 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Cost Accounting Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fosha, Kathryn, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951520 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Fosha, Kathryn, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1971762 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Frazier, Pamela, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974984 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Frederick, Martin, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952549 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 720.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Frederick, Martin, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973952 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 765.00 Other (specify) 128.46 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Freedman, Mark, S, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949523 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General 596.13 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Freedman, Mark, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975093 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Freeman, Michael, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951509 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Freeman, Michael, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971751 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Freeman, Nicole, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953143 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr HR Business Partner Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Freeman, Nicole, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972489 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr HR Business Partner Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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	NAME OF COMMITTEE (In Full) Employees of Northrop Grumma	ın Corpora	tion PAC	
Α.	Full Name of Individual (Last, First, Middle Initi Frei, Christopher, P, , Mailing Address 2980 Fairview Park Drive	al) or Full Orga	anization Name	Date of Receipt  08 23 2019
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1972212  Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		20.00
	Name of Employer (for Individual)  Northrop Grumman Corporation  Receipt For:	Occupa Dir Pro Aggregate Ye		Memo Item
	Primary General Other (specify) ▼			
В.	Full Name of Individual (Last, First, Middle Initi Frei, Timothy, J, , Mailing Address 2980 Fairview Park Drive	al) or Full Orga	anization Name	Date of Receipt
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1949583  Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		100.00
	Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:	VP Str	ation (for Individual) at & Missions Solutions	Memo Item
	Primary General  Other (specify) ▼	Aggregate Ye	ar-to-Date ▼ 1600.00	
C.	Full Name of Individual (Last, First, Middle Initi-Frei, Timothy, J, ,	al) or Full Orga	anization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive  City	State	Zip Code	08 23 2019  Transaction ID : A2019-1973569
	FEC ID number of contributing	VA C	22042	Amount of Each Receipt this Period
	Name of Employer (for Individual)  Northrop Grumman Corporation	Occupa	ation (for Individual)	Memo Item
	Receipt For: Primary General Other (specify)	Aggregate Ye		
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Frick, Warren, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949006 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 240.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Frick, Warren, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975421 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 270.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Friedel, Daniel, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950885 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 960.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Friedel, Daniel, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974914 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1020.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Friedman, Bruce, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951945 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Cyber Info Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Friedman, Bruce, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972252 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Cyber Info Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fritinger, Amy, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950939 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fritinger, Amy, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975005 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Fritz, Christopher, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949007 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 365.29 Other (specify) 76.93 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fritz, Christopher, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975422 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Dir Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 403.76 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Froelich, David, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952758 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Engr S/W Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Froelich, David, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974265 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Engr S/W Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.41 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Frost, Ashlea, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952244 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Frost, Ashlea, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973724 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Fry, Roman, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952760 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 308.00 Other (specify) 96.19 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fuller, Melissa, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950207 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fuller, Melissa, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974537 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Fuller, Michael, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1949008 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 464.00 Other (specify) 98.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fuller, Michael, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975423 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 522.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Fung, Steven, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952284 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Fung, Steven, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973764 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 138.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Fye, Brad, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974938 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Gaal, Charles, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951849 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 616.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Gaal, Charles, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972157 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) 115.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gagnier, Donald, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949638 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 308.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Gagnier, Donald, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971989 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 327.25 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Galins, Joseph, E., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1951100 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 78.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 501 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Galins, Joseph, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973347 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Gallaher, Gene, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952924 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Gallaher, Gene, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1974433 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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ITEMIZED RECEIPTS Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gallardo, Apolinar, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952091 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Gallardo, Apolinar, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972351 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Galligan, Timothy, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953383 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Ar or	y information copied from such Reports and St for commercial purposes, other than using the	atements ma name and a	ny not be sold or used by any poddress of any political committe	person for the purpose of so	oliciting contributions			
$\rangle$	NAME OF COMMITTEE (In Full) Employees of Northrop Grumma	an Corpo	ration PAC					
Α.	Full Name of Individual (Last, First, Middle Init Gamache, Robert, $N, $ ,	ial) or Full O	rganization Name	Date of Receipt				
	Mailing Address 2980 Fairview Park Drive			08 / D D	2019			
	City	State VA	Zip Code	Transaction ID : A2	2019-1953557			
	Falls Church	VA	22042	Amount of Each Rec	eipt this Period			
	FEC ID number of contributing federal political committee.	С			40.00			
	Name of Employer (for Individual)	Оссі	upation (for Individual)	Memo Item				
	Northrop Grumman Corporation	Dir F	Programs					
	Receipt For:	Aggregate	Year-to-Date ▼					
	Primary General		640.00	1				
	Other (specify) ▼		640.00	_				
В.	Full Name of Individual (Last, First, Middle Init Gamache, Robert, N, ,	Date of Receipt						
	Mailing Address 2980 Fairview Park Drive			08 23	2019			
	City	State	Zip Code	Transaction ID : A2				
	Falls Church	VA	22042	Amount of Each Rec				
	FEC ID number of contributing federal political committee.	C			40.00			
	Name of Employer (for Individual) Northrop Grumman Corporation		upation (for Individual) Programs	Memo Item				
	Receipt For:	Aggregate	Year-to-Date ▼					
	Primary General Other (specify) ▼		680.00	]				
<del></del> С.	Full Name of Individual (Last, First, Middle Init Gambhir, Sukhdeep, S, ,	ial) or Full O	rganization Name	Date of Receipt				
	Mailing Address 2980 Fairview Park Drive			08 / 09	2019			
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2  Amount of Each Rec				
	FEC ID number of contributing federal political committee.	С			96.17			
	Name of Employer (for Individual)  Northrop Grumman Corporation		upation (for Individual)	Memo Item				
	Receipt For:		Year-to-Date ▼					
	Primary General	7.99.094.0	<del></del>	7				
	Other (specify)	Other (specify) 1538.72						
S	UBTOTAL of Receipts This Page (optional)				176.17			
Т	OTAL This Period (last page this line number of	only)		·	7			

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gambhir, Sukhdeep, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971117 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and CTO Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.89 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Gamboa, Anthony, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951862 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 300.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Gamboa, Anthony, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1972170 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 325.00 Other (specify) 146.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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	v information copied from such Reports and State for commercial purposes, other than using the na			son for the purpose of soliciting contributions				
\	NAME OF COMMITTEE (In Full) Employees of Northrop Grumman		· ·					
	Full Name of Individual (Last, First, Middle Initial) Gan, Jennifer, , ,	or Full Orga	nization Name	Date of Receipt				
Ī	Mailing Address 2980 Fairview Park Drive			08				
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1952260				
-	FEC ID number of contributing rederal political committee.	C	22042	Amount of Each Receipt this Period  35.00				
ı	Name of Employer (for Individual)  Northrop Grumman Corporation  Receipt For:  Primary General  Other (specify) ▼		artion (for Individual)  Igineering  ar-to-Date ▼  560.00	Memo Item				
3.	Full Name of Individual (Last, First, Middle Initial)  Gan, Jennifer, , ,  Mailing Address 2980 Fairview Park Drive	or Full Orga	unization Name	Date of Receipt				
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1973740  Amount of Each Receipt this Period				
	FEC ID number of contributing rederal political committee.	С		35.00				
	Name of Employer (for Individual) Northrop Grumman Corporation		ation (for Individual) ngineering	Memo Item				
Ī	Receipt For:  Primary General  Other (specify) ▼	Aggregate Yea	ar-to-Date ▼ 595.00					
ا کار	Full Name of Individual (Last, First, Middle Initial) Ganey, Harriss, C, ,	or Full Orga	nization Name	Date of Receipt				
_	Mailing Address 2980 Fairview Park Drive	I -	I.e.	08 09 7 2019 2019				
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1953346  Amount of Each Receipt this Period				
	FEC ID number of contributing federal political committee.	С		39.00				
	Name of Employer (for Individual)  Northrop Grumman Corporation  Receipt For:	Consult	tion (for Individual) ting Engr Human Factors	Memo Item				
	Primary General Other (specify)	Aggregate Yea	ar-to-Date ▼ 624.00					
SI	JBTOTAL of Receipts This Page (optional)		<b>&gt;</b>	109.00				
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Garcia, William, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972156 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Engr Sys Test Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Garcia Yost, DeAnna, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952278 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Garcia Yost, DeAnna, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973758 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gardenhire, Eric, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952274 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Gardenhire, Eric, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973754 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Gardner, Daniel, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1951622 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 23.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 368.00 Other (specify) 61.46 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gardner, Daniel, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971865 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 23.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 391.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Garrett, Frederick, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949011 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 768.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Garrett, Frederick, E., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975426 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 864.00 Other (specify) 215.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gart, Angela, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951820 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Gart, Angela, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972128 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Gates, Michael, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949697 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Intl Trd CmpInce Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 1600.00 Other (specify) 150.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gebelein, Craig, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950607 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Gebelein, Craig, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975018 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Gellen, David, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949848 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ghali, Shady, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973859 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Giambone, Alexander, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953033 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Giambone, Alexander, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972377 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Giammo, Kevin, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950920 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Giammo, Kevin, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974986 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Gibbons, Lori, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1952370 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 130.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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	NAME OF COMMITTEE (In Full) Employees of Northrop Grummar	Corporat	tion PAC	
١.	Full Name of Individual (Last, First, Middle Initial Gibbons, Lori, A, ,	) or Full Orga	nization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive	State	Zin Code	08 23 2019
	City Falls Church	VA	Zip Code 22042	Transaction ID : A2019-1971113  Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		50.00
	Name of Employer (for Individual)  Northrop Grumman Corporation	'	tion (for Individual) iness Management	Memo Item
	Receipt For:  Primary General  Other (specify) ▼	Aggregate Yea	ar-to-Date ▼ 850.00	
3.	Full Name of Individual (Last, First, Middle Initial Gibbs, Alleace, M, , Mailing Address 2980 Fairview Park Drive	) or Full Orga	nization Name	Date of Receipt
	City	State	Zip Code	08 09 2019
	Falls Church	VA	22042	Transaction ID : A2019-1950610  Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.		96.15	
	Name of Employer (for Individual) Northrop Grumman Corporation		tion (for Individual) nmunications	Memo Item
	Receipt For:  Primary General  Other (specify) ▼	Aggregate Yea	ar-to-Date ▼ 1538.40	
).	Full Name of Individual (Last, First, Middle Initial Gibbs, Alleace, M, ,	) or Full Orga	nization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive	0	7-0-4-	08 23 / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1975021  Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		96.15
	Name of Employer (for Individual)  Northrop Grumman Corporation	VP Com	tion (for Individual) nmunications	Memo Item
	Receipt For: Primary General	Aggregate Yea		
	Other (specify)		1634.55	
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gillcrist, Daniel, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971506 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Gillette, Lauren, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953555 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Gillette, Lauren, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971469 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gioffre, Charles, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972941 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Givens, Candace, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952722 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1230.76 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Givens, Candace, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974228 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1330.76 Other (specify) 238.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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PAGE 525 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gobee, Scott, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974672 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Cyber Systems Engrng Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Goebel, Heath, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951153 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Goebel, Heath, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1973400 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 96.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Goepfert, Barry, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952627 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Goepfert, Barry, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974137 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 663.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Goldberg, Phillip, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1950860 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 116.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gonzalez, Freddie, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973794 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Supply Chain Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Gonzalez, John, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950041 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Gonzalez, John, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972651 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gonzalez, Mary, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949740 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir HR Information Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Gonzalez, Mary, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974057 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir HR Information Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Gonzalez, Pablo, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951347 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Goodchild, Susan, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949534 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Goodchild, Susan, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971272 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Goodwin, Jeannette, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950519 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Intl Trade Compliance Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 102.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Graham, Russell, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972284 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Engineer Electro Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Granda, Jose Nijel, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951673 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Granda, Jose Nijel, B., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973506 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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NAME OF COMMITTEE (In Full) Employees of Northrop Grumm	an Corporation	on PAC	
Full Name of Individual (Last, First, Middle In Grant-Nixon, Evon, , ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual)  Northrop Grumman Corporation  Receipt For:  Primary General Other (specify)	State VA C	Zip Code 22042 on (for Individual) ram Control	Date of Receipt  M M M
Full Name of Individual (Last, First, Middle In Grantham, Jeffrey, W, ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:  Primary General Other (specify)	State VA	Zip Code 22042 on (for Individual)	Date of Receipt  M M M / D D / Y 2019  Transaction ID : A2019-1949510  Amount of Each Receipt this Period  19.23  Memo Item
Full Name of Individual (Last, First, Middle In Grantham, Jeffrey, W, ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:  Primary General Other (specify)	State VA	Zip Code 22042 on (for Individual)	Date of Receipt  Mos 23 2019  Transaction ID: A2019-1975080  Amount of Each Receipt this Period  19.23  Memo Item
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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Grayson, Dean, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949020 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) IS Law Department Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 464.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Grayson, Dean, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975435 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation IS Law Department Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 522.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Graziano, Edward, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950021 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 156.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Graziano, Edward, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972630 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Greco, Anne, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953430 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Public Relations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Greco, Anne, K, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972716 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Public Relations Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Green, Elmer, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949866 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Engineer Logisti Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 450.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Green, Elmer, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972830 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Logisti Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 475.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Green, Hilla, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951675 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 720.00 Other (specify) 95.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Green, Hilla, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973508 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 765.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Green, Kenton, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951164 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engr Sys Architect Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Green, Kenton, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973411 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engr Sys Architect Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 83.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Green, Kimberly, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951351 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Green, Kimberly, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971594 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Green, Timothy, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949023 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and Controller Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Green, Timothy, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975438 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and Controller Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Greenbaum, Scott, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950149 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.24 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Contracts Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.84 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Gregoire, James, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953583 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 79.24 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Griffin, Spencer, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952992 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Griffin, Spencer, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974501 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Griffith, Gerald, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952227 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Griffith, Gerald, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973707 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Grimm, Julie, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950561 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 23.81 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Fac and Real Estate Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 380.96 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Grimm, Julie, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973064 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 23.81 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Fac and Real Estate Receipt For: Aggregate Year-to-Date ▼ Primary General 404.77 Other (specify) 87.62 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 554 OF 1574 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Grisafi, Salvatore, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950178 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Grisafi, Salvatore, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973011 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Gritti, Nicholas, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951048 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional).....

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12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Guanu, Seth, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950084 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Guanu, Seth, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972694 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Guerard, Robert, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951237 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 300.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Guerard, Robert, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971479 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Guerrero, Edwin, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949793 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Guerrero, Edwin, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972756 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Guerrero, Raul, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951928 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Budgeting Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Guerrero, Raul, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972235 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Budgeting Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Guerrero, Ryan, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1951590 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 115.40 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Guerrero, Ryan, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971832 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Guine, Stephen, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951219 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 520.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Guine, Stephen, K., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973465 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 560.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gunderson, Adam, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972552 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Gupta, Sanjiv, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951248 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Gupta, Sanjiv, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1971490 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Gutowski, Shawn, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950300 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Gutowski, Shawn, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974629 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Hackmeier, Kurt, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1951193 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 76.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hackmeier, Kurt, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973440 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hafeli, James, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951827 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hafeli, James, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972135 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Haffey, Sandra, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972048 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Auditing Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hafner, David, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950543 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hafner, David, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973046 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hahn, Carl, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953237 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Chief Compliance Officer** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hahn, Carl, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1970969 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Chief Compliance Officer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1634.55 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hahn, Michael, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950436 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engr Matl Process Receipt For: Aggregate Year-to-Date ▼ Primary General 352.00 Other (specify) 214.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hahn, Michael, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974765 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Consulting Engr Matl Process Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 374.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hailey, Curtis, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951399 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Hailey, Curtis, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971641 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 60.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 570 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hajnos, Larry, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950830 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Facilities Maintenance Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hajnos, Larry, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973241 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Facilities Maintenance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Haladyna, John, N., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950286 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Mechani Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Haladyna, John, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974615 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Engineer Mechani Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Haley, George, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950955 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 308.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Haley, George, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971285 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 327.25 Other (specify) 78.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hall, Jennifer, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953561 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hall, Jennifer, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971475 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hall, Randy, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952504 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Staff Engr Sys Architect Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 99.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Haltzel, Andrew, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952975 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Haltzel, Andrew, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974484 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hambrick, Tamara, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950386 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 577.05 Other (specify) 115.41 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hambrick, Tamara, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974714 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Systems Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hamilton, Ellen, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951029 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 624.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Hamilton, Ellen, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971358 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) 116.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hanft, Thomas, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949959 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Staff Chief Engineer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hanft, Thomas, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973904 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hansen, Brian, K, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952057 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Software Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hansen, Brian, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971934 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Staff Engineer Software Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Harang, James, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950225 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Harang, James, P, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974555 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Harbison, Christine, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952713 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1346.38 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Harbison, Christine, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974220 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1442.55 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Harbison, Sean, K, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953532 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Assoc Suply Chn Procrmnt Spec Receipt For: Aggregate Year-to-Date ▼ Primary General 700.00 Other (specify) 292.34 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Harbison, Sean, K, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972927 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Assoc Suply Chn Procrmnt Spec Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hardester, Edward, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950524 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Project Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hardester, Edward, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973026 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Project Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 180.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of th **Detailed Summary Pag** Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hardesty, Michael, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951644 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 190.82 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp VP Controller and CAO Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 3053.12 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hardesty, Michael, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971887 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 190.82 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP Controller and CAO Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 3243.94 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Hargrove, Sherri, X, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973749 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Product Marketing Receipt For: Aggregate Year-to-Date ▼ Primary General 230.82 Other (specify) 420.11 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Harper-Hall, Vicky, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973563 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Harrell, Monta, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953054 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Harrell, Monta, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972399 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.41 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Harvatine, Francis, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949034 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Business Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Harvatine, Francis, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975449 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Business Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 360.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Harvey, Cassandra, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951297 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Conference Event Plng Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Harvey, Cassandra, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971539 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Conference Event Plng Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Harvey, Charles, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952436 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1200.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Harvey, Charles, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971178 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1275.00 Other (specify) 170.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Harvey, William, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950903 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Harvey, William, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952800 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Harvey, William, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974969 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 510.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Harvey, William, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974307 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hasegawa, Ken, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952684 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hasegawa, Ken, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974191 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hassan, Ashraf, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951163 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hassan, Ashraf, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973410 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hastman, David, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949035 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 125.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) 201.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hastman, David, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975450 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 125.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1125.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hauser, Nancy, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950235 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hauser, Nancy, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974565 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 165.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Havel, Timothy, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974549 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Havens, William, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950338 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Havens, William, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974666 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Business Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 118.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hawkins, Jack, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950972 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1200.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hawkins, Jack, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971302 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1275.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hawkins, Richard, K., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951356 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Enterprise Wide Apps Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 170.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hawkins, Richard, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971599 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Enterprise Wide Apps Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hawkins, Susan, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953407 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 624.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hawkins, Susan, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972594 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) 98.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hayashida, Lorrin, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952180 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hayashida, Lorrin, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973661 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hayes, Thomas, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950845 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 355.00 Other (specify) 48.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hayes, Thomas, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973256 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 365.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Haynie, Richard, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949039 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Technical Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Haynie, Richard, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1975454 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Technical Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hays, Kevin, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951472 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hays, Kevin, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971714 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Hayslip, Elizabeth, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951936 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 76.93 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hayslip, Elizabeth, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972243 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Heagerty, Joseph, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953060 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Heagerty, Joseph, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972405 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 88.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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	NAME OF COMMITTEE (In Full)				
$ \rangle$	Employees of Northrop Grumma	n Corp	ora	tion PAC	
<u>/</u>	Full Name of Individual (Last, First, Middle Initi	al) or Full	Orga	nization Name	
Α.					Date of Receipt
	Mailing Address 2980 Fairview Park Drive				08 23 2019
	City	State		Zip Code	Transaction ID : A2019-1973742
	Falls Church	VA		22042	Amount of Each Receipt this Period
	FEC ID number of contributing				
	federal political committee.	C	_		39.00
	Name of Employer (for Individual)	0	ccupa	ation (for Individual)	Memo Item
	Northrop Grumman Corporation	D	ir Pro	grams	
	Receipt For:	Aggrega	te Ye	ar-to-Date ▼	
	Primary General Other (specify) ▼			207.00	
	Other (speerly) $\psi$		7	4 4	
_	Full Name of Individual (Last, First, Middle Initi	al) or Full	Orga	nization Name	
В.	Heath, Alan, L, ,				Date of Receipt
	Mailing Address 2980 Fairview Park Drive				08 09 2019
	City	State		Zip Code	التنبيا لنبا لنبا
	Falls Church	VA		22042	Transaction ID : A2019-1952907  Amount of Each Receipt this Period
	FEC ID number of contributing				
	federal political committee.	C	_		20.00
	Name of Employer (for Individual)	0	)ccupa	ation (for Individual)	Memo Item
	Northrop Grumman Corporation		IG Fe		_
	Receipt For:	Aggrega	ite Ye	ar-to-Date ▼	
	Primary General Other (specify) ▼			320.00	
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	Full Name of Individual (Last, First, Middle Initi	al) or Full	Orga	inization Name	
C.	Heath, Alan, L, ,				Date of Receipt
	Mailing Address 2980 Fairview Park Drive				08 23 2019
	City	State		Zip Code	Transaction ID : A2019-1974416
	Falls Church	VA		22042	Amount of Each Receipt this Period
	FEC ID number of contributing	С			20.00
	federal political committee.		-		20.00
	Name of Employer (for Individual)	0	ccupa	ation (for Individual)	Memo Item
	Northrop Grumman Corporation	N	G Fell	low	_
	Receipt For:    Primary   General	Aggrega	ite Ye	ar-to-Date ▼	
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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Heath, Darryl, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952018 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Compliance and Ethics Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Heath, Darryl, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971897 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Compliance and Ethics Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 663.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Heeg, Vince, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951464 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 118.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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PAGE 605 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Heeg, Vince, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971706 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Systems Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Heiliczer, Rebecca, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950975 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Heiliczer, Rebecca, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971305 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Heiner, Nathaniel, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952586 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engr Sys Architect Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Heiner, Nathaniel, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973989 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engr Sys Architect Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Heizer, Lillian, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953511 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 288.45 Other (specify) 96.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Heizer, Lillian, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972906 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hemenway, Stacey, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949633 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hemenway, Stacey, E., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971984 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 57.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Ar or NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Henderson, Catherine, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950600 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Engr Mission Assuran Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Henderson, Catherine, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974965 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Engr Mission Assuran Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Henderson, Craig, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951924 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Mechanical Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Henderson, Craig, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972231 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Staff Engineer Mechanical Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Henderson, Robert, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951558 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Henderson, Robert, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971799 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Henderson, Stephen, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952808 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Henderson, Stephen, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974315 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Henley, Alana, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1951272 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 423.17 Other (specify) 88.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Henley, Alana, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971514 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 461.64 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hennig, Kelly Jill, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950310 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 560.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hennig, Kelly Jill, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974639 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 600.00 Other (specify) 118.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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NAME OF COMMITTEE (In Full) Employees of Northrop Grumma									
Full Name of Individual (Last, First, Middle Init	tial) or Full Org	ganization Name	Date of Receipt						
Mailing Address 2980 Fairview Park Drive			08 09 2019 _						
City	State	Zip Code	Transaction ID : A2019-1950008						
Falls Church	VA	22042	Amount of Each Receipt this Period						
FEC ID number of contributing federal political committee.	С		38.46						
Name of Employer (for Individual)		pation (for Individual)	Memo Item						
Northrop Grumman Corporation	Dir Pr	rograms							
Receipt For: Primary General	Aggregate Y	'ear-to-Date ▼							
Other (specify) ▼		615.36							
Full Name of Individual (Last, First, Middle Init Herbermann, Carl, R, ,	tial) or Full Org	ganization Name	Date of Receipt						
Mailing Address 2980 Fairview Park Drive			08 23 2019						
City	Zip Code	Transaction ID : A2019-1972618							
Falls Church	VA	22042	Amount of Each Receipt this Period						
FEC ID number of contributing federal political committee.	С		38.46						
Name of Employer (for Individual) Northrop Grumman Corporation		pation (for Individual) rograms	Memo Item						
Receipt For:	Aggregate Y	'ear-to-Date ▼							
Primary General Other (specify) ▼		653.82							
Cariot (opoony) •	4	550,52							
Full Name of Individual (Last, First, Middle Init	tial) or Full Org	ganization Name	Date of Receipt						
Mailing Address 2980 Fairview Park Drive			08 09 2019						
City	State	Zip Code	Transaction ID : A2019-1951188						
Falls Church	VA	22042	Amount of Each Receipt this Period						
FEC ID number of contributing federal political committee.	С		20.00						
Name of Employer (for Individual)  Northrop Grumman Corporation		pation (for Individual) aff Engr Sys Test	Memo Item						
Receipt For:			_						
Primary General	Aggregate Y	'ear-to-Date ▼							
Other (specify)		320.00							
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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Herring, Diane, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951222 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Herring, Diane, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973468 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Herring, John, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949479 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 119.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 14 13 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hibbs, John, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972548 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Engineer Electro Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hicks, John, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951857 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Hicks, John, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972165 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 101.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hilgenberg, Dean, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972269 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hill, Hollie, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952946 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name C. Hill, Hollie, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974455 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 76.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hill, Robert, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951496 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hill, Robert, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971738 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hillen, Jason, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950632 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Org Effectiveness Rep Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hillen, Jason, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 State Zip Code Transaction ID: A2019-1975043 VA 22042 Falls Church Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Name of Employer (for Individual) Occupation (for Individual) Memo Item Northrop Grumman Corporation Staff Org Effectiveness Rep Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 510.00

Full Name of Individual (Last, First, Middle <b>3.</b> Hinckley, Michael, C, ,	Date of Receipt		
Mailing Address 2980 Fairview Park Drive			08 09 2019
City	State	Zip Code	Transaction ID : A2019-1952764
Falls Church	VA	22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	С		38.47
Name of Employer (for Individual) Northrop Grumman Corporation		ation (for Individual) upply Chain	Memo Item
Receipt For:  Primary General  Other (specify) ▼	Aggregate Ye	ear-to-Date ▼ 615.52	
Full Name of Individual (Last, First, Middle . Hinckley, Michael, C, ,	Initial) or Full Orga	anization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive	08 / 23 / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y		
City Falls Church	State Zip Code VA 22042		Transaction ID : A2019-1974271
FEC ID number of contributing federal political committee.	C	ELOTE	Amount of Each Receipt this Period  38.47
Name of Employer (for Individual)  Northrop Grumman Corporation		ation (for Individual) upply Chain	Memo Item
Receipt For: Primary General	Aggregate Ye		
Other (specify)		653.99	
SUBTOTAL of Receipts This Page (optional)		<b>&gt;</b>	106.94
TOTAL This Period (last page this line numb	er only)	<b>&gt;</b>	7 7 7
			FEC Schedule A (Form 3X) Rev. 06/2

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hipskind, Linda, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953118 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 672.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hipskind, Linda, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972463 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 714.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hirigoyen, Jason, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949704 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 122.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hirigoyen, Jason, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974022 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir General Manufacturing Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hoang, Thanh, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952221 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Engr S/W Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 600.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hoang, Thanh, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1973702 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Engr S/W Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 118.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hoang, Vu, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952299 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineering Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hoang, Vu, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973779 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineering Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 510.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Hobbs-Hendrickson, Melissa, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949050 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 768.00 Other (specify) 156.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hobbs-Hendrickson, Melissa, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975466 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 864.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hodges, Jason, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950819 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 504.70 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Hodges, Jason, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973230 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 543.17 Other (specify) 172.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

# SCHEDULE A (FEC Form 3X)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hodges, Kurby, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951406 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr EEO and Diversity Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hodges, Kurby, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971648 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr EEO and Diversity Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Hodges, Rudnaldo, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951397 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hodges, Rudnaldo, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971639 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hoffman, Gabriel, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950201 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hoffman, Gabriel, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974531 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hoffmann, Joseph, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952748 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hoffmann, Joseph, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974255 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Hoffmaster, Erich, V, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949734 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hoffmaster, Erich, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974051 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Engineer Quality Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hogan, Colleen, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953424 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hogan, Colleen, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972709 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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PAGE 632 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hogan, Stephen, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950508 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Supply Chain Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hogan, Stephen, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974837 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1700.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Hoggard, Lisa, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953384 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Engr Mission Assuran Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 220.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 633 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hoggard, Lisa, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972571 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Engr Mission Assuran Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hoke, Kristina, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950522 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Hoke, Kristina, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973024 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Holdren, Mark, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952397 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Holdren, Mark, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971139 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hollenshade, Evan, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1949792 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Engr RF Microwv Dsgn Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hollenshade, Evan, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972755 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Prncpl Engr RF Microwv Dsgn Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Holley, Luther, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950682 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Holley, Luther, K, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973094 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hollis, Tameika, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952202 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hollis, Tameika, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973683 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Holloway, Jeffrey, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1952413 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 115.39 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Holzman, Eric, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973568 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Cnsltng Engr RF Microwave Dsgn Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hom, John, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952020 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 375.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name C. Hom, John, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971899 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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	NAME OF COMMITTEE (In Full) Employees of Northrop Grumma	n Corpora	tion PAC									
Α.	Full Name of Individual (Last, First, Middle Initial Hood, Robert, $C$ , ,	al) or Full Orga	anization Name	Date of Receipt								
	Mailing Address 2980 Fairview Park Drive		T	08 09 2019								
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1949560  Amount of Each Receipt this Period								
	FEC ID number of contributing federal political committee.	C		50.00								
	Name of Employer (for Individual)  Northrop Grumman Corporation	Occupa NG Fel	ation (for Individual) Ilow	Memo Item								
	Receipt For:  Primary General  Other (specify) ▼	Aggregate Ye	ar-to-Date ▼ 800.00									
В.	Full Name of Individual (Last, First, Middle Initial Hood, Robert, C, ,  Mailing Address 2980 Fairview Park Drive	al) or Full Orga	anization Name	Date of Receipt  M M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y								
	City	State	Zip Code	Transaction ID : A2019-1974870								
	Falls Church	VA	22042	Amount of Each Receipt this Period								
	FEC ID number of contributing federal political committee.	С		50.00								
	Name of Employer (for Individual) Northrop Grumman Corporation	Occupa NG Fe	ation (for Individual) Ilow	Memo Item								
	Receipt For:  Primary General  Other (specify) ▼	Primary General Aggregate Teal-to-Date V										
<u> </u>	Full Name of Individual (Last, First, Middle Initial Hoon, Carl, R, ,	al) or Full Orga	anization Name	Date of Receipt								
	Mailing Address 2980 Fairview Park Drive			08								
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1951445  Amount of Each Receipt this Period								
	FEC ID number of contributing federal political committee.	C		40.00								
	Name of Employer (for Individual)  Northrop Grumman Corporation		ation (for Individual) ff Engineer Systems	Memo Item								
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	Other (specify)  General		640.00									
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hoover, Velvet, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952083 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Conference Event Plng Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hoover, Velvet, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972343 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Conference Event Plng Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Horiuchi, Brooke, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949055 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation IS Law Department Receipt For: Aggregate Year-to-Date ▼ Primary General 365.29 Other (specify) 76.93 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 643 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Horiuchi, Brooke, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975471 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation IS Law Department Receipt For: Aggregate Year-to-Date ▼ Primary General 403.76 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Horne, Halle, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952880 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 236.53 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Horne, Halle, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974389 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 255.76 Other (specify) 76.93 SUBTOTAL of Receipts This Page (optional).....

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	NAME OF COMMITTEE (In Full)							
$ \rangle$	Employees of Northrop Grumma	n Corpora	tion PAC					
<u> </u>	Full Name of Individual (Last, First, Middle Initial Howard, John, M, ,	Date of Receipt						
	Mailing Address 2980 Fairview Park Drive	08 09 2019						
	City	State	Zip Code	Transaction ID : A2019-1949553				
	Falls Church	VA	22042	Amount of Each Receipt this Period				
	FEC ID number of contributing federal political committee.	С		20.00				
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	Primary General		220.00					
	Other (specify) ▼		320.00					
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В.	Howard, John, M, ,			Date of Receipt				
	Mailing Address 2980 Fairview Park Drive		08 23 2019					
	City	State	Zip Code	Transaction ID : A2019-1974864				
	Falls Church	VA	22042	Amount of Each Receipt this Period				
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	Primary General	00 0						
	Other (specify) ▼		340.00					
_	Full Name of Individual (Last, First, Middle Initial Howard, Katherine, I, ,	al) or Full Orga	anization Name	Data of Receipt				
C.				Date of Receipt				
	Mailing Address 2980 Fairview Park Drive	04-4-	Tin Onda	08 09 2019				
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1950916  Amount of Each Receipt this Period				
	FEC ID number of contributing							
	federal political committee.	C		38.47				
	Name of Employer (for Individual)	Occupa	ation (for Individual)	Memo Item				
	Northrop Grumman Corporation	Dir Pro	grams					
	Receipt For:	Aggregate Ye	ar-to-Date ▼					
	Primary General							
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Howard, Katherine, I,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974982 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Howard, Mitchell, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951790 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Howard, Mitchell, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972098 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 138.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Howell, Donna, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952426 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Howell, Donna, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971168 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Howell, Michele, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1950350 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Regulatory Compliance Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Howell, Michele,,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974678 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Regulatory Compliance Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Howell, Robert, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950946 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Howell, Robert, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1975012 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Howland, Donna, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951911 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Howland, Donna, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972219 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Huber, Ronald, L., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951385 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 117.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Huber, Ronald, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971627 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Principal Engineer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hudson, Kimberly, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 80 2019 City State Zip Code Transaction ID: A2019-1952721 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General

Other (specify) ▼		320.00	
Full Name of Individual (Last, First, Middle Ini Hudson, Kimberly, S, ,  Mailing Address 2980 Fairview Park Drive	itial) or Full Orga	nization Name	Date of Receipt
City Falls Church	State VA	Zip Code 22042	08 23 2019  Transaction ID : A2019-1974227  Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	С		20.00
Name of Employer (for Individual) Northrop Grumman Corporation		tion (for Individual)	Memo Item
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hudson, William, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953343 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hudson, William, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971075 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 663.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Huff, Gary, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951903 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 118.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Huff, Gary, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972211 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Huggins, Coleste, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953212 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Cyber Systems Engrng Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 616.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Huggins, Coleste, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1970944 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Cyber Systems Engrng Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) 117.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hughes, Jean, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950420 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Start Up Company Manager Programs 3 Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hughes, Jean, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974749 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Start Up Company Manager Programs 3 Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 510.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Hughes, Robert, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953272 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 770.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hughes, Robert, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971004 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 820.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hull, Kelly, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951864 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name C. Hull, Kelly, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1972172 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 130.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Humphrey, Tamara, D, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952236 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 538.58 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Humphrey, Tamara, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973716 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 577.05 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Humphreys, Brian, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953140 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 115.40 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Humphreys, Brian, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972486 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hund, Bernard, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953141 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hund, Bernard, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972487 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.40 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hunsaker, Brent, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951561 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Hunsaker, Brent, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971802 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Hurwitz, John, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952342 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Electronics Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hurwitz, John, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973822 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Electronics Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Huynh, Anthony, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951872 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 35.90 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Software Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 574.40 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Huynh, Anthony, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1972180 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 35.90 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Software Receipt For: Aggregate Year-to-Date ▼ Primary General 610.30 Other (specify) 91.03 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Hyde, Thomas, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951422 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Govt Marketing Sales Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Hyde, Thomas, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971664 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 510.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** landoli, Timothy, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953061 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name landoli, Timothy, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972406 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ildefonso, Pamela, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950591 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ildefonso, Pamela, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974955 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Im, Samuel, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952942 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Im, Samuel, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974451 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ims, Paul, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952991 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 384.70 Other (specify) 76.93 SUBTOTAL of Receipts This Page (optional).....

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or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ims, Paul, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974500 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 423.17 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ingenito, Anthony, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950193 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Ingenito, Anthony, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974523 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ingle, Teresa, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950483 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff HR Proj Mgmt Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ingle, Teresa, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974812 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff HR Proj Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Inumerable, Gerardo, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952522 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Inumerable, Gerardo, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971264 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Inzana, Ernest, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952368 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 560.11 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Inzana, Ernest, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971111 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 598.58 Other (specify) 115.41 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Irani, Catalina, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952113 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Principal Engr H/W Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Irani, Catalina, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973594 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Engr H/W Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Irwin, Christopher, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950161 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Staff Engr RF Microwav Dsgn Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Irwin, Christopher, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972995 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Staff Engr RF Microwav Dsgn Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Isaacs, Martin, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953433 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 420.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Isaacs, Martin, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972719 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 459.00 Other (specify) 97.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Isherwood, Michael, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951208 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Marketing Research Rep Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ishigooka, Kent, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951695 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Info Sys Proj Mgr Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ishiqooka, Kent, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973528 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Info Sys Proj Mgr Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 669 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ivanushkina, Mariya, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952666 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Engr Sys Architec Receipt For: Aggregate Year-to-Date ▼ Primary General 727.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ivanushkina, Mariya, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974174 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Engr Sys Architec Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 772.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Iwai, Daren, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949659 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 577.05 Other (specify) 129.39 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jackson, Clyde, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953603 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Engineer Mechani Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Jackson, Clyde, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971439 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Mechani Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Jackson, Ivan, V, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1950170 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jacob, Daniel, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971028 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Jaggers, J Michael, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951039 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 720.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Jaggers, J Michael, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971368 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 765.00 Other (specify) 128.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name James, Robert, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951126 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. James, Robert, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973373 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** James, Ryan, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1953298 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 99.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name James, Ryan, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971030 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Jameson, Justin, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952804 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 624.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Jameson, Justin, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974311 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) 97.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Janey, Jeffrey, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949068 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 280.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Janey, Jeffrey, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975483 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Javier, Vincent, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953582 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Javier, Vincent, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973317 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Javorsek, Andrew, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952783 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Javorsek, Andrew, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1974290 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Occupation (for Individual) Name of Employer (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jazwiecki, Jeffrey, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951519 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Jazwiecki, Jeffrey, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1971761 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Jeffress, Henry, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951023 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Hardware Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) 79.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jeffress, Henry, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971352 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Hardware Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Jennings, Faith, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953191 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Media Relations Comm Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Jennings, Faith, E, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972539 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Media Relations Comm Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Primary

Other (specify)

General

## SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Johanson, Melissa, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950489 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 423.17 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Johanson, Melissa, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974818 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 461.64 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Johansson, Rick, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1949602 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Johansson, Rick, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971952 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Johns, Anthony, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950264 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Johns, Anthony, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974594 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Johnson, Charles, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951270 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Johnson, Charles, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971512 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Johnson, David, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949074 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 768.00 Other (specify) 172.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Johnson, David, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949954 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Johnson, David, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975489 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 864.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Johnson, David, E., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973899 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 510.00 Other (specify) 156.00 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Johnson, Louis, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952232 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Johnson, Louis, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973712 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Johnson, Mary, K, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950579 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 115.40 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Johnson, Mary, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974943 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Johnson, Peter, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950999 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Johnson, Peter, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971328 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Johnson, Reese, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953250 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Structural** Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Johnson, Reese, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1970982 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Structural** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 510.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Johnson, Troy, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951365 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 98.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Johnson, Troy, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971608 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Johnson, William, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952327 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Johnson, William, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973807 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.40 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Johnson, Zachary, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949854 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Assoc. PATHWAYS Eng Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 672.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Johnson, Zachary, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972818 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Assoc. PATHWAYS Eng Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 714.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Jones, Christopher, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950673 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 192.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP and President TS Receipt For: Aggregate Year-to-Date ▼ Primary General 3076.80 Other (specify) 276.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

# SCHEDULE A (FEC Form 3X)

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ITEMIZED RECEIPTS Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jones, Christopher, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973085 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 192.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp VP and President TS Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 3269.10 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Jones, Corey, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950547 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Jones, Corey, N., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973050 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 272.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jones, Daniel, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953409 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Jones, Daniel, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972596 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Jones, David, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952863 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jones, David, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974371 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Jones, Mark, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950689 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Jones, Mark, V, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973101 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jones, Marshall, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950827 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Jones, Marshall, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973238 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Jones, Michael, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952542 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jones, Michael, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973945 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Jones, Robert, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952465 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 624.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Jones, Robert, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971207 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Business Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) 103.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jones, Thomas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952960 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and General Manager Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Jones, Thomas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974469 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1700.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Jordan, John, I, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952610 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 238.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Joseph, Chatterpaul, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953330 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Joseph, Chatterpaul, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971062 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Joseph, Matthew, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951131 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 138.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jost, Lisa, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973267 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Joyce, Phillip, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949082 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 464.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Joyce, Phillip, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1975497 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 522.00 Other (specify) 136.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Jung, Song, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950772 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Hardware Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Jung, Song, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973184 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Hardware Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Justine, Dan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952852 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) 115.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Justine, Dan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974359 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kage, Katherine, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950120 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kage, Katherine, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972955 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 77.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kahr, Michael, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971871 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Matl Process Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kalafos, Paul, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950639 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1538.72 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kalafos, Paul, B., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1975050 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.89 Other (specify) 212.34 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kalan, Lesley, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952945 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 192.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp VP Government Relations Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 3076.80 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kalan, Lesley, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974454 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 192.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP Government Relations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 3269.10 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kalb, James, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950502 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Tech Editor and Wrtr Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 424.60 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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14 13 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kane, James, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972639 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Service Center Operations** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1275.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kanefsky, Mitchell, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953336 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Security Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kanefsky, Mitchell, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971068 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Security Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 155.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kaneshiro, Lindon, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951641 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kaneshiro, Lindon, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971884 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kang, Heather, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1951060 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) 119.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kang, Heather, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971389 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kanner, Eric, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952793 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 249.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kanner, Eric, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1974300 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 269.22 Other (specify) 77.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kantner, Michael, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950331 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 48.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 768.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kantner, Michael, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974659 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 48.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 816.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kaplan, Eric, N., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1951610 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 134.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Karylyle, Brett, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952742 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Cyber Sys Engr Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Karylyle, Brett, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974249 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Cyber Sys Engr Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kasbeer-Betty, Michael, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952649 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Hardware Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kasbeer-Betty, Michael, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974158 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Hardware Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kassner, Mark, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950058 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kassner, Mark, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972668 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 101.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kauffman, Ronald, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950746 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kauffman, Ronald, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973158 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kawahara, Gary, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949088 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kawahara, Gary, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975503 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Keane, Zachary, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953130 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Physicist Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Keane, Zachary, K., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972476 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Physicist Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kearney, Adam, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953363 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kearney, Adam, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971094 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Keeler, Christopher, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1949090 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 464.00 Other (specify) 135.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Keeler, Christopher, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975505 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 522.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Keeton, Bruce, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951522 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Keeton, Bruce, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971764 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 138.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Keldsen, David, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974635 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Talent Acq Bus Partner Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Keller, Catherine, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952517 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Keller, Catherine, E., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971259 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kelley, Anthony, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949116 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kelley, Anthony, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975508 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 540.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kelley, Jon, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950748 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 55.65 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 890.40 Other (specify) 175.65 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kelly, Patrick, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950702 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Staff Chief Engineer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kelly, Patrick, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973114 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kelly, Vincent, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951486 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kelly, Vincent, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971728 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kemink, Gerald, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951418 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Manufacturing Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kemink, Gerald, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1971660 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Manufacturing Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 14 13 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kendust, Rick, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953316 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Government Affairs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kendust, Rick, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971048 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kennedy Ryan, Lucinda, C., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1953493 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 1442.55 Other (specify) 173.09 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for De Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kennedy Ryan, Lucinda, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972888 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp VP Communications Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.72 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kennington, Paul, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951288 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kennington, Paul, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1971530 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 173.09 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kent, Christopher, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951649 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kent, Christopher, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971892 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kepler, Veronica, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952884 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 27.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 432.00 Other (specify) 67.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_\_

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kepler, Veronica, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974393 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 27.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 459.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kerch, Anthony, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953387 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Prncpl Logistics Mgmt Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kerch, Anthony, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972574 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Prncpl Logistics Mgmt Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 67.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

SCHEDULE A (FEC Form 3X) FOR LINE NUMBER: PAGE 731 OF Use separate schedule(s) (check only one) ITEMIZED RECEIPTS for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kershaw, Jessica, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949844 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kershaw, Jessica, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972807 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Communications Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kesecker, Timothy, B, , Date of Receipt

Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950808 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 150.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kesecker, Timothy, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973220 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kesner, Kenneth, O,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949818 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Emp Comms Rep Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 624.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kesner, Kenneth, O, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972781 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Emp Comms Rep Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) 128.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kettner, Richard, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949121 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Dir Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kettner, Richard, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975513 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General

Other (specify)		675.00	
Full Name of Individual (Last, First, Middle I Khater, George, $A$ , ,	nitial) or Full Or	ganization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive			08
City	State	Zip Code	Transaction ID : A2019-1953345
Falls Church	VA	22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	С		50.00
Name of Employer (for Individual)	Occu	pation (for Individual)	Memo Item
Northrop Grumman Corporation	Mgr C	Capture Management	
Receipt For: Primary General Other (specify)	Aggregate \	/ear-to-Date ▼ 800.00	
			200.00

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Name of Employer (for Individual)

Northrop Grumman Corporation

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Memo Item

Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Khater, George, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971077 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kiang, Michael, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 80 2019 City State Zip Code Transaction ID: A2019-1950089 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee.

	Northrop Grumman Corporation	Dir Pro	ograms	
	Receipt For:  Primary General  Other (specify) ▼	Aggregate Ye	ar-to-Date ▼ 320.00	
C.	Full Name of Individual (Last, First, Middle In Kiang, Michael, , ,  Mailing Address 2980 Fairview Park Drive	itial) or Full Orga	anization Name	Date of Receipt  08 23 2019
	City Falls Church  FEC ID number of contributing federal political committee.	State VA	Zip Code 22042	Transaction ID : A2019-1972699  Amount of Each Receipt this Period  20.00
	Name of Employer (for Individual)  Northrop Grumman Corporation  Receipt For:  Primary General  Other (specify)	Occupa Dir Prog Aggregate Ye	<u> </u>	Memo Item
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Occupation (for Individual)

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kibler, Michael, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950457 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 52.60 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 480.40 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kibler, Michael, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974786 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 52.60 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 533.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kidd, Joseph, C., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951275 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) 144.20 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kidd, Joseph, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971517 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kidney, Robert, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952359 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kidney, Robert, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973840 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 79.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kidwai, Shakil, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949744 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kidwai, Shakil, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974061 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Killmon, Keith, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950647 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 63.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Killmon, Keith, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975058 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kim, Andy, I,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950441 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 480.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kim, Andy, I, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1974770 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 510.00 Other (specify) 85.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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SCHEDULE A (FEC Form 3X) FOR LINE NUMBER: PAGE 739 OF Use separate schedule(s) (check only one) ITEMIZED RECEIPTS for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kim, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950891 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Physicist Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kim, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974920 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Physicist Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kim, Man, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1950510 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Chief Engineer

800.00

Aggregate Year-to-Date ▼

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kim, Man, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974839 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Consulting Chief Engineer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kimener, M, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950766 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kimener, M, K, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973178 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 88.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 741 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name King, Tiffany, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952994 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp Dir Asst General Counsel Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** King, Tiffany, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974503 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp Dir Asst General Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kirby, Nancy, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950791 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 126.92 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kirby, Nancy, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973203 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Staff Engineer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kitay, Richard, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950259 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kitay, Richard, E., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974589 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 126.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Klein, Robert, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950078 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP** Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Klein, Robert, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972688 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP** Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1634.55 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kling, David, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952256 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) 230.80 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kloiber, Joseph, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953304 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Systems Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 384.70 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kloiber, Joseph, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971036 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 423.17 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kluska, Michelle, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974901 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 230.82 Other (specify) 115.41 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Klyza, Stanley, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953613 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Klyza, Stanley, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971449 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Knaus, Jason, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950933 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Knaus, Jason, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974999 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Knauth, David, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949993 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Knauth, David, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973937 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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PAGE 748 OF 1574 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Knollenberg, Perry, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951518 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Structural Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Knollenberg, Perry, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971760 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Structural Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Knowles, Kevin, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1950110 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 749 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Knowles, Kevin, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972946 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Knupp, Jeremy, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1952967 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Knupp, Jeremy, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974476 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional).....

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Use separate schedule(s) for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kodama, Nicole, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951746 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kodama, Nicole, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972054 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Koehn, John, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952705 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 115.38 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Koehn, John, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974212 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Government Affairs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Koenig, Kurt, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951019 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Koenig, Kurt, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971348 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 115.38 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kohr, Kathleen, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953137 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kohr, Kathleen, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972483 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kojnik, David, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952831 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) 118.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kojnik, David, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974338 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Konapelsky, Richard, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950430 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Konapelsky, Richard, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974759 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 76.96 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kong, Eric, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952475 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kong, Eric, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1971217 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kono-Fern, Grace, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949625 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kono-Fern, Grace, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971976 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kopf, Lara, N, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950562 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kopf, Lara, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973065 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kormanyos, Dawn, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953460 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kormanyos, Dawn, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972746 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kountz, Donald, E., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950974 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 200.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 3200.00 Other (specify) 238.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kountz, Donald, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971304 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 200.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 3400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kovacsics, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950422 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kovacsics, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974751 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 276.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kowalchik, Richard, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952633 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kowalchik, Richard, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974143 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Kramer, Jesse, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951067 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 69.23 SUBTOTAL of Receipts This Page (optional).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kramer, Jesse, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971396 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kranz, David, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949607 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Budget Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kranz, David, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971957 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Budget Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Krasnow, Dale, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952755 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Krasnow, Dale, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974262 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 327.24 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kratville, William, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952621 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Engr Embedded S/W Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 58.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kratville, William, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974131 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Prncpl Engr Embedded S/W Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kraus, Ronald, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950662 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kraus, Ronald, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973074 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Krause, Thomas, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952366 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Krause, Thomas, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971109 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Krein, Stephen, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1949130 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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PAGE 763 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Krein, Stephen, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975523 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Krenzke, Patricia, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950552 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Krenzke, Patricia, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973055 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Krepp, Ryan, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953454 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 5.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Assoc PATHWAYS Bus Mgmt Anlyst Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 650.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Krepp, Ryan, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972740 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 5.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Assoc PATHWAYS Bus Mgmt Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 655.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Krieger, Susan, F., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1950788 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Staffing Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 30.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Krieger, Susan, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973200 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Staffing Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Krocza, Jennifer, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951122 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Krocza, Jennifer, L., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973369 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Krone, Jeffrey, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971245 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Chief Engineer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 240.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kropschot, Frank, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951687 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kropschot, Frank, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973520 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kubasky, Michael, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949970 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kubasky, Michael, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973914 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kubo, Daniel, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952025 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kubo, Daniel, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971903 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Supply Chain Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kubo, Kenneth, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952179 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kubo, Kenneth, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973660 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kuehler, John, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971176 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 209.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kuester, Steven, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950533 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kuester, Steven, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973035 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 99.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kugler, Scott, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950358 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 577.05 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kugler, Scott, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974686 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kukla, Kathryn, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952995 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Intl Trade Compliance Receipt For: Aggregate Year-to-Date ▼ Primary General 211.53 Other (specify) 96.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kukla, Kathryn, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974504 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Intl Trade Compliance Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 230.76 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kullen, Kimberly, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949799 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Env Health Safety Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kullen, Kimberly, K, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1972762 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Env Health Safety Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 69.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kulz, Kevin, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953422 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kulz, Kevin, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972609 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kumamoto, Dan, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951946 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 597.05 Other (specify) 115.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kumamoto, Dan, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972253 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 635.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kuntz, Jonathan, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951583 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Test Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kuntz, Jonathan, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971825 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Test Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 88.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kurfurst, Robert, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952476 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kurfurst, Robert, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971218 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Kusnierz, Daniel, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950476 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Info Sys Proj Mgr Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 99.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kusnierz, Daniel, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974805 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Info Sys Proj Mgr Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Kustom, Brittan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950986 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Kustom, Brittan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971315 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 14 13 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Kyed, Ernest, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949133 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 327.29 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Kyed, Ernest, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975526 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 365.76 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. La Rue Haladyna, Suzanne, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949491 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 57.70 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 903.97 Other (specify) 134.64 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name La Rue Haladyna, Suzanne, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973292 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 57.70 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 961.67 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lade, Kevin, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951234 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lade, Kevin, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973480 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 97.70 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lafranconi, David, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951723 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lafranconi, David, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973556 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lage, Bruce, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952026 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lage, Bruce, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971904 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lai, Richard, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951003 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 672.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lai, Richard, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1971332 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 714.00 Other (specify) 122.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 780 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Laidley, Michael, S, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949134 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 768.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Laidley, Michael, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975527 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 864.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lamb, Mark, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951879 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 212.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lamb, Mark, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972187 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Staff Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lamb, William, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953028 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 616.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lamb, William, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972372 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) 97.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lancaster, Matthew, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952525 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lancaster, Matthew, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973844 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Land, Kevin, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952796 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Land, Kevin, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974303 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lane, Daniel, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950274 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lane, Daniel, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974603 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lane, Francine, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951255 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Employee Relations Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lane, Francine, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971497 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Employee Relations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lane, Robert, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1949670 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lane, Robert, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972021 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lane, Tammy, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952289 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 548.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lane, Tammy, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973769 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 587.05 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lane, Timothy, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975528 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 22.28 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 200.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Langit, Christopher, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952546 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Strategic Planner Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Langit, Christopher, B., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973949 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Strategic Planner Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 62.28 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Langston, Paul, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952265 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Langston, Paul, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973745 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lansdale, Conor, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953025 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Budget Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) 115.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lansdale, Conor, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972369 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Budget Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lappe, Eugene, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950623 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lappe, Eugene, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1975034 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 119.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Laroi, Michael, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971336 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Larratt, Douglas, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949137 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 768.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Larratt, Douglas, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975530 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 864.00 Other (specify) 232.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Larson, Blake, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952685 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 185.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp VP and President IS Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 2960.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Larson, Blake, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974192 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 185.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP and President IS Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 3145.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Larson, Troy, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952723 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 390.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lasater, Bruce, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971582 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Test Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Latona, Glen, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953276 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Sales Customer Support Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Latona, Glen, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1971008 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Sales Customer Support Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Laucius, David, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949138 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Contracts** Receipt For: Aggregate Year-to-Date ▼ Primary General 464.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Laucius, David, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975531 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Contracts** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 522.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Laurendi, Anthony, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950229 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) 146.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Laurendi, Anthony, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974559 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Staff Engineer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 510.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Layton, Rhonda, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949140 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Cyber Info Assur Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 464.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Layton, Rhonda, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975533 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Cyber Info Assur Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 522.00 Other (specify) 146.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Leavitt, Todd, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952540 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Leavitt, Todd, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973860 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1634.55 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lebitsch, Joseph, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952349 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 212.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ledford, Sean, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950676 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ledford, Sean, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973088 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ledrich, Michael, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952970 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 99.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_\_

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Use separate schedule(s) for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ledrich, Michael, S, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974479 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lee, Barbara, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952074 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lee, Barbara, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972334 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 99.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

# SCHEDULE A (FEC Form 3X)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lee, Eun, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952303 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lee, Eun, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973783 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lee, Scott, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950378 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lee, Scott, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974706 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and General Manager Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lee, Wayne, I,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952102 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lee, Wayne, I, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973583 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 126.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lee, Wendy, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952182 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lee, Wendy, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973663 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Leeb, Mary, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953058 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Leeb, Mary, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972403 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lehman, Gene, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952588 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 308.59 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lehman, Gene, H, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973991 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 327.82 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lehr, Scott, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949141 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **EVP President Flight Systems** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lehr, Scott, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975534 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **EVP President Flight Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 450.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Leifer, Stephen, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952532 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engr RF Microwave Dsgn Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Leifer, Stephen, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973852 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engr RF Microwave Dsgn Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Leimkuhler, Matthew, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950354 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 23.08 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 369.28 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Leimkuhler, Matthew, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974682 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 23.08 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 392.36 Other (specify) 66.16 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Leininger, Thomas, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951194 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Procurement Plng Control Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Leininger, Thomas, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973441 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Procurement Plng Control Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Leith, Keven, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949142 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 80.94 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 647.52 Other (specify) 120.94 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Leith, Keven, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975535 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 80.94 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Dir Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 728.46 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lekas, Peter, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951536 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lekas, Peter, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971778 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 119.40 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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$\rangle$	Employees of Northrop Grummai	n Corpo	rat	tion PAC										
Α.	Full Name of Individual (Last, First, Middle Initia Lemons, Kerry, D, ,	l) or Full O	rga	nization Name			ate o	f Re	eceipt					
	Mailing Address 2980 Fairview Park Drive						M M	′	0:	_	/ Y	2019	Y	
	City	State		Zip Code			Trans	sact	ion ID	: A2	2019-1	952618		
	Falls Church	VA		22042		Α	moun	t of	Each	Rec	eipt th	is Period		
	FEC ID number of contributing federal political committee.	С	_				_		4		7	25.	00	
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	Northrop Grumman Corporation	Staf	f Er	ngineer Systems										
	Receipt For:	Aggregate	Yea	ar-to-Date ▼										
	Primary General Other (specify) ▼		7	400.00										
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В.	Full Name of Individual (Last, First, Middle Initia Lemons, Kerry, D, ,	ll) or Full O	rga	nization Name		С	ate o	f Re	eceipt					
	Mailing Address 2980 Fairview Park Drive					ľ	M M	1	2:	_	/ Y	2019	Y	
	City	State		Zip Code			Trans	acti	ion ID	: A2	2019-19	974128		
	Falls Church	VA		22042		Α	moun	t of	Each	Rec	eipt th	is Period		
	FEC ID number of contributing federal political committee.	С	Ξ				_	Ξ	-	_	T	25.	00	
	Name of Employer (for Individual) Northrop Grumman Corporation	1	•	ntion (for Individual)			M	lemo	) Item					
	Receipt For:  Primary General  Other (specify) ▼	Aggregate	Yea	ar-to-Date ▼ 425.00										
C.	Full Name of Individual (Last, First, Middle Initia Lentz, Robert, E, ,	l) or Full O	rga	nization Name		С	oate o	f Re	eceipt					
	Mailing Address 2980 Fairview Park Drive						M M M	/	0	_	/ Y	2019	Y	
	City	State		Zip Code			Trans	sact	ion ID	: A2	2019-1	952505		

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Full Name of Individual (Last, First, Middle In Lentz, Robert, E, ,	itial) or Full Or	ganization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive			08 09 2019
City	State	Zip Code	Transaction ID : A2019-1952505
Falls Church	VA	22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C		96.15
Name of Employer (for Individual)	Occu	pation (for Individual)	Memo Item
Northrop Grumman Corporation	VP B	usiness Development	
Receipt For: Primary General Other (specify)	Aggregate \	∕ear-to-Date ▼ 1538.40	

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## ITEMIZED RECEIPTS

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Full Name of Individual (Last, First, Middle In Leonard, Michael, F, ,	itial) or Full Org	ganization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive			08 23 2019
City	State	Zip Code	Transaction ID : A2019-1972961
Falls Church	VA	22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	С		20.00
Name of Employer (for Individual)	Occup	pation (for Individual)	Memo Item
Northrop Grumman Corporation	Staff E	Engr Sys Architect	
Receipt For: Primary General Other (specify)	Aggregate Y	ear-to-Date ▼ 340.00	
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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Leonard, Richard, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950818 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 28.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Principal Engineer Mechanical Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 448.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Leonard, Richard, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973229 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 28.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Engineer Mechanical Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 476.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lepore, Dominic, V, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950654 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Entprs Apps Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 96.00 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lepore, Dominic, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975065 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Entprs Apps Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Leslie, Kevin, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951754 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 375.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Leslie, Kevin, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972062 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Levison, Troy, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975537 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Levy, Jami, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1949597 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Levy, Jami, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971947 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lewis, Brett, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952998 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 352.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lewis, Brett, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974507 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 374.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lewis, David, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951982 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Process Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 64.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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ITEMIZED RECEIPTS for each cat Detailed Su Any information copied from such Reports and Statements may not be sold or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lewis, David, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972289 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Process Manufacturing Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lewis, Oscar, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953594 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lewis, Oscar, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1971430 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify)

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lewis, Steven, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950602 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lewis, Steven, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975013 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lewis, Tamara, N., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951388 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Computer Systems Analysis Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lewis, Tamara, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971630 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Computer Systems Analysis Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lewis Corder, Valerie, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950164 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Li, Sergey, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951299 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 99.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Li, Sergey, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971541 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Liepmann, Till, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952139 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 480.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Liepmann, Till, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1973620 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Occupation (for Individual) Name of Employer (for Individual) Northrop Grumman Corporation Consulting Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 510.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 821 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lim, Catherine, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950146 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lim, Catherine, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972981 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lima, Bryan, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950005 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1280.00 Other (specify) 156.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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PAGE 822 OF 1574 Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full)

$\angle$	Employees of Northrop Grumma	an Corpo	ration PAC	
Α.	Full Name of Individual (Last, First, Middle Init Lima, Bryan, J, ,	ial) or Full O	rganization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			08 23 2019
	City	State	Zip Code	Transaction ID : A2019-1972615
	Falls Church	VA	22042	Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		80.00
	Name of Employer (for Individual)	Оссі	upation (for Individual)	Memo Item
	Northrop Grumman Corporation	Dir F	Programs	_
	Receipt For:	Aggregate	Year-to-Date ▼	
	Primary General	00 0		
	Other (specify) ▼		1360.00	
В.	Full Name of Individual (Last, First, Middle Init Lima, Julie, J, ,	ial) or Full O	rganization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			08 09 2019
	City	State	Zip Code	Transaction ID : A2019-1953606
	Falls Church	VA	22042	Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		38.46
	Name of Employer (for Individual) Northrop Grumman Corporation		upation (for Individual) · Engineering	Memo Item
	Receipt For:	Aggregate	Year-to-Date ▼	
	Primary General Other (specify) ▼		615.36	
— С.	Full Name of Individual (Last, First, Middle Init Lima, Julie, J, ,	ial) or Full O	rganization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			08 23 2019
	City	State	Zip Code	Transaction ID : A2019-1971442
	Falls Church	VA	22042	Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	С		38.46
	Name of Employer (for Individual) Northrop Grumman Corporation		upation (for Individual) Engineering	Memo Item
	Receipt For: Primary General Other (specify)	Aggregate	Year-to-Date ▼ 653.82	
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lima, Kathleen, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951926 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Contracts** Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lima, Kathleen, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972233 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Contracts** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Linde, Rudolph, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953598 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Business Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 720.00 Other (specify) 125.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Linde, Rudolph, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971434 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 765.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Linder, Paul, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952114 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Linder, Paul, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973595 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 83.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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Use separate schedule(s) for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Linn, Meagan, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953157 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Government Affairs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Linn, Meagan, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972504 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Linnekin, Richard, B., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952624 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) 115.50 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lipscomb, Robert, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952082 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lipscomb, Robert, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972342 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lisenbee, Donald, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1952620 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 76.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lisenbee, Donald, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974130 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lobin, D, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950038 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 616.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Lobin, D, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972648 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) 115.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lockard, Claire, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950728 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 423.17 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lockard, Claire, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973140 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 461.64 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lockwood, William, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953215 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Structural Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 96.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lockwood, William, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1970947 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Structural Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Loggins, Henry, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952422 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Loggins, Henry, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971164 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 69.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for De Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lohneiss, Robert, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949931 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lohneiss, Robert, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973876 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Long, Christopher, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949158 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 180.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lopresti, Gordon, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950194 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lopresti, Gordon, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974524 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lott, James, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951604 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Project Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 101.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lott, James, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971846 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Principal Project Mgmt Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Louden, Philip, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953019 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Louden, Philip, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972363 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 125.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Louie, Patricia, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952073 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 24.05 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Enterprise Wide Apps Receipt For: Aggregate Year-to-Date ▼ Primary General 384.80 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Louie, Patricia, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972333 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 24.05 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Enterprise Wide Apps Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 408.85 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Love, Sean, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951525 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 86.56 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Love, Sean, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971767 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lovendahl, Paula, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949160 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 464.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lovendahl, Paula, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1975553 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 522.00 Other (specify) 154.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Low, Madeleine, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951677 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Low, Madeleine, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973510 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lowe, Karen, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950807 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 1200.00 Other (specify) 151.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lu, Cuong, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971894 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lu, Henry, Y,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951253 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 76.92 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1115.34 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lu, Henry, Y,, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971495 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 76.92 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1192.26 Other (specify) 173.07 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lucente, Jeffrey, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950538 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lucente, Jeffrey, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973040 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Luchi, Terry, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949161 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 464.00 Other (specify) 98.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Luchi, Terry, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975554 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 522.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lucht, Mike, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949162 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Operations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 464.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lucht, Mike, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1975555 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Operations Receipt For: Aggregate Year-to-Date ▼ Primary General 522.00 Other (specify) 174.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

# SCHEDULE A (FEC Form 3X)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lucka, Douglas, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949767 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lucka, Douglas, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974084 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Lueck, James, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949623 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lueck, James, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971974 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lugo, Lorraine, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951609 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lugo, Lorraine, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971851 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lum, Randall, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949713 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 672.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lum, Randall, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974031 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 714.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lunny, Steven, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949918 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 134.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lurie, Howard, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950304 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lurie, Howard, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974633 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1634.55 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lurie, Richard, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949986 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 232.30 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lurie, Richard, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973930 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lyles, Donald, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949515 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lyles, Donald, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1975085 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lynch, Erin, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952641 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 240.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Lynch, Erin, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974151 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 255.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Lyon, Charles, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953136 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Government Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 68.46 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Lyon, Charles, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972482 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Government Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Lytle, Alan, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952917 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1538.40 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Lytle, Alan, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974426 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.55 Other (specify) 230.76 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mabee, Heather, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949474 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Mabee, Heather, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973275 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mace, Barbara, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950596 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 88.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mace, Barbara, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974960 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Maciel, Luis, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951770 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 616.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Maciel, Luis, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972078 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) 127.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 853 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12

Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name MacLennan, William, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973404 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Macneil, Douglas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951910 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Macneil, Douglas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972218 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 79.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name MacRae, Janis, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950317 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff HR Business Partner Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. MacRae, Janis, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974646 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff HR Business Partner Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Madison, Alisha, W, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951716 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 855 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Madison, Alisha, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973549 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Maganty, Satya, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949166 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.86 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Engineering Program Dir Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.88 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Maganty, Satya, P, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975559 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.86 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Engineering Program Dir Receipt For: Aggregate Year-to-Date ▼ Primary General 367.74 Other (specify) 121.72 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 856 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Magnelli, Joseph, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951049 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Magnelli, Joseph, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971378 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Maguire, Kevin, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950309 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Maguire, Kevin, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974638 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mahoney, Bryan, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951769 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.14 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Production Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1538.24 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mahoney, Bryan, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972077 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.14 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Production Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.38 Other (specify) 232.28 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mahoney, Gerald, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953127 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Finance Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mahoney, Gerald, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972473 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Finance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mahoney, Mathew, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949168 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mahoney, Mathew, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975561 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Mahoney, Phillip, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951380 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 672.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mahoney, Phillip, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971622 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Security Receipt For: Aggregate Year-to-Date ▼ Primary General 714.00 Other (specify) 124.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mahoney, William, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953159 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Mahoney, William, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972506 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Makar, Fredrick, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953264 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 5.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Contract Administrat Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) 85.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Makar, Fredrick, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1970996 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 5.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Contract Administrat Receipt For: Aggregate Year-to-Date ▼ Primary General 365.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Makowski, Joseph, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949169 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engr Sys Architect Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Makowski, Joseph, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975562 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engr Sys Architect Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) 85.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Makrygiannis, Konstantinos, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950357 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 720.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Makrygiannis, Konstantinos, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974685 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 765.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Maldonado, Raina, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952815 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 128.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Maldonado, Raina, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974322 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Malivuk, Christina, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1953408 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal HR Business Partner Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 300.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Malivuk, Christina, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972595 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal HR Business Partner Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mann, Robert, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951797 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Project Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mann, Robert, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972105 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Manning, Thomas, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950456 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 720.00 Other (specify) 85.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Manning, Thomas, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974785 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 765.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Manuel, Gregory, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951619 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Manuel, Gregory, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971862 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 125.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Manuel, Jolene, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951741 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Manuel, Jolene, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972049 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Manuell, Edward, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1949170 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 464.00 Other (specify) 138.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Manuell, Edward, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975564 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 522.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mare, Stephen, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949171 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mare, Stephen, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975565 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 346.14 Other (specify) 134.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Markow, Abel, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951387 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Electronics Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Markow, Abel, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971629 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Electronics Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Marks, John, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950907 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Configuration Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Marks, John, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974973 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Configuration Analyst Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Marquez, Christian, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951027 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General

Other (specify) ▼	4	307.68	
Full Name of Individual (Last, First, Middle In Marquez, Christian, L, ,	itial) or Full Org	ganization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive		08 23 2019	
City	State	Zip Code	Transaction ID : A2019-1971356
Falls Church	VA	22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	С		19.23
Name of Employer (for Individual)	Occup	pation (for Individual)	Memo Item
Northrop Grumman Corporation	Mgr E	lectronics Engineering	
Receipt For: Primary General Other (specify)	Aggregate Y	ear-to-Date ▼ 326.91	

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TOTAL This Period (last page this line number only).....

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PAGE 872 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Marrs, Kevin, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951543 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Marrs, Kevin, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971785 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Marsh, Damien, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949852 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 269.22 Other (specify) 96.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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# SCHEDULE A (FEC Form 3X)

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Any information copied from such Reports and or for commercial purposes, other than using the	Statements may not be sold or used by any price name and address of any political committee	erson for the purpose of soliciting contributions e to solicit contributions from such committee.
NAME OF COMMITTEE (In Full) Employees of Northrop Grumn	nan Corporation PAC	
Full Name of Individual (Last, First, Middle In Marsh, Damien, M, ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual)  Northrop Grumman Corporation  Receipt For:  Primary General Other (specify)	State Zip Code 22042  C  Occupation (for Individual) Mgr Engineering  Aggregate Year-to-Date   288.45	Date of Receipt  M M M
Full Name of Individual (Last, First, Middle In Marshall, Aaron, T, ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:  Primary General Other (specify)	State Zip Code VA 22042  C  Occupation (for Individual) Corporate Counsel  Aggregate Year-to-Date   640.00	Date of Receipt  M M M
Full Name of Individual (Last, First, Middle In Marshall, Aaron, T, ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:  Primary General Other (specify)	State Zip Code VA Z2042  C  Occupation (for Individual) Corporate Counsel  Aggregate Year-to-Date  680.00	Date of Receipt  M M M / 23 / 2019  Transaction ID : A2019-1973089  Amount of Each Receipt this Period  40.00  Memo Item
SUBTOTAL of Receipts This Page (optional)	•	99.23
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Marshall, Jill, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951423 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Marshall, Jill, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971665 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mart, Richard, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952326 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Electro Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mart, Richard, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973806 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Engineer Electro Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Martin, Aaron, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952984 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 43.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 688.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Martin, Aaron, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974493 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 43.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 731.00 Other (specify) 126.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Martinez, Harold, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949608 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Mechanical Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 308.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Martinez, Harold, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971958 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 327.25 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Martinez, Noe, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951382 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 58.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Martinez, Noe, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971624 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Martinez, Oscar, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952064 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Martinez, Oscar, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971941 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Martini, Peter, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951661 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 307.76 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Martini, Peter, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973494 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 346.23 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Martini, William, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950978 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 637.05 Other (specify) 115.41 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Martini, William, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971308 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 675.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Martis, Daryl, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949786 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Martis, Daryl, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1974103 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 138.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Any or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Maschler, Ted, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1982510 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 500.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Administration Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 500.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Masiello, Thomas, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953496 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 461.64 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Masiello, Thomas, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972891 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 500.11 Other (specify) 576.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Maske, Peter, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951340 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Maske, Peter, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971583 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mason, William, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952635 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Pilot Test Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mason, William, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974145 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Pilot Test Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mastin, Stephen, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951514 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mastin, Stephen, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971756 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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NAME OF COMMITTEE (In Full)	_										

	Employees of Northrop Grumm	an Corpor	ation PAC	
Α.	Full Name of Individual (Last, First, Middle In Masukawa, Glenn, T, ,	itial) or Full Or	ganization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			08 09 2019
	City	State	Zip Code	Transaction ID : A2019-1951935
	Falls Church	VA	22042	Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	C		40.00
	Name of Employer (for Individual)		pation (for Individual)	Memo Item
	Northrop Grumman Corporation	VP P	rogram Management	
	Receipt For:  Primary General  Other (specify) ▼	Aggregate \	∕ear-to-Date ▼ 640.00	
В.	Full Name of Individual (Last, First, Middle In Masukawa, Glenn, T, ,	itial) or Full Or	ganization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			08 23 2019
	City	State	Zip Code	Transaction ID : A2019-1972242
	Falls Church	VA	22042	Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	40.00		
	Name of Employer (for Individual) Northrop Grumman Corporation	pation (for Individual) Program Management	Memo Item	
	Receipt For:  Primary General  Other (specify) ▼			
<u> </u>	Full Name of Individual (Last, First, Middle Ir Mathur, Sanjay, D, ,	itial) or Full Or	ganization Name	Date of Receipt
	Mailing Address 2980 Fairview Park Drive			08 09 2019
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1950341  Amount of Each Receipt this Period
	FEC ID number of contributing federal political committee.	C		20.00
	Name of Employer (for Individual) Northrop Grumman Corporation		pation (for Individual) Info Sys Proj Mgr	Memo Item
	Receipt For: Primary General Other (specify)	Aggregate \	/ear-to-Date ▼ 320.00	
S	SUBTOTAL of Receipts This Page (optional)			100.00
Т	<b>TOTAL</b> This Period (last page this line number	only)		

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mathur, Sanjay, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974669 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Info Sys Proj Mgr Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Matson, Donald, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1951747 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Matson, Donald, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972055 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Matta, Monique, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952311 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Matta, Monique, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973791 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Matthews, Keith, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952252 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 76.93 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Matthews, Keith, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973732 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mattus, Nicholas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1952937 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Info Sys Tech Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mattus, Nicholas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974446 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Info Sys Tech Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional).....

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PAGE 887 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Maxwell, David, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952008 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Cyber Info Assurance Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Maxwell, David, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972315 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Cyber Info Assurance Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Maycock, Neville, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953329 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 875.00 Other (specify) 115.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Maycock, Neville, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971061 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 950.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mazur, Jonathan, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952028 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mazur, Jonathan, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971906 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 151.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mazzocchi, Lisa, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950897 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mazzocchi, Lisa, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974926 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McCabe, Douglas, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953615 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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NAME OF COMMITTEE (in Full)   Employees of Northrop Grumman Corporation PAC		y information copied from such Reports and Sta for commercial purposes, other than using the i				
Full Name of Individual (Last, First, Middle Initial) or Full Organization Name  A. McCabe, Douglas, A.,  Mailing Address 2980 Fairview Park Drive  City State Zip Code					540	
A. McCabe, Douglas, A.,  Malling Address 2980 Fairview Park Drive  City Falls Church FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation Receipt For:  Primary General Other (specify) ▼ City Palls Church PEC ID number of contributing federal political committee.  City Palls Church FEC ID number of contributing Receipt For: Primary General Other (specify) ▼ City Palls Church PEC ID number of contributing federal political committee. C. McCaffrey, Mary Rose, , , Malling Address 2980 Fairview Park Drive  City Primary General Other (specify) ▼ City Palls Church PEC ID number of contributing federal political committee. C. McCaffrey, Mary Rose, , Malling Address 2980 Fairview Park Drive  City Primary General Other (specify) ▼ City Primary General Other (specify) ▼ City Primary General Other (specify) ▼ Cocupation (for Individual) Northrop Grumman Corporation PEC ID number of contributing federal political committee.  C. McCaffrey, Mary Rose, , Amount of Each Receipt this Period  PEC ID number of contributing federal political committee.  C. McCaffrey, Mary Rose, , Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ Cocupation (for Individual) Northrop Grumman Corporation PEC ID number of contributing federal political committee.  Aggregate Year-to-Date ▼ Primary General Other (specify) ▼  Aggregate Year-to-Date ▼  Amount of Eac	$\angle$	. ,				
City Falls Church Name of Employer (for Individual) Northrop Grumman Corporation Receipt For: Primary General Other (specify) ▼ Gameral Other (spec			al) or Full (	Organi	zation Name	Date of Receipt
Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation Receipt For:    Primary   General   Ge		Mailing Address 2980 Fairview Park Drive				
FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation Receipt For:    Primary   General   Aggregate Year-to-Date ▼     PC   PC   PC   PC     City   State   Zip Code   PC     PC   Primary   General   PC     City   State   Zip Code   PC     PC   Primary   General   PC     City   State   Zip Code   PC     PC   Primary   General   PC     City   State   Zip Code   PC     Primary   General   PC     Primary   Gene		-	1	- 2	•	Transaction ID : A2019-1971451
Rederal political committee.   August   Augus		Falls Church	VA		22042	Amount of Each Receipt this Period
Northrop Grumman Corporation Receipt For:  Primary General Other (specify) ▼ Aggregate Year-to-Date ▼  Pull Name of Individual (Last, First, Middle Initial) or Full Organization Name  B. McCaffrey, Mary Rose, , ,  Mailing Address 2980 Fairview Park Drive  City State Zip Code VA 22042  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Fec. McCaffrey, Mary Rose, , ,  Mailing Address 2980 Fairview Park Drive  C. McCaffrey, Mary Rose, , ,  Mailing Address 2980 Fairview Park Drive  City Full Name of Individual (Last, First, Middle Initial) or Full Organization Name  C. McCaffrey, Mary Rose, , ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual)  Northrop Grumman Corporation  C State Zip Code VA 223 2019  Transaction ID : A2019-1971073  Amount of Each Receipt this Period  FEC ID number of contributing federal political committee.  Name of Employer (for Individual)  Northrop Grumman Corporation  Receipt For:  Primary General  Other (specify)  Aggregate Year-to-Date ▼  Memo Item  Memo Item  Memo Item		· ·	С			40.00
Receipt For:    Primary   General   Other (specify)   Aggregate Year-to-Date ▼     Primary   Other (specify)   Receipt   Other (specify)     Primary   General   Other (specify)   Other (specify)   Other (specify)     Primary   General   Other (specify)   Occupation (for Individual)   Occupation (for Individual)   Other (specify)   Ot		Name of Employer (for Individual)	Occ	cupatio	on (for Individual)	Memo Item
Primary		Northrop Grumman Corporation	Mg	ır Prog	rams	_
Other (specify) ▼		Receipt For:	Aggregate	Year-	-to-Date ▼	
Full Name of Individual (Last, First, Middle Initial) or Full Organization Name  B. McCaffrey, Mary Rose, , , Mailing Address 2980 Fairview Park Drive  City Falls Church VA 22042  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Full Name of Individual (Last, First, Middle Initial) or Full Organization Name  C. McCaffrey, Mary Rose, , , Mailing Address 2980 Fairview Park Drive  City Falls Church  Full Name of Individual (Last, First, Middle Initial) or Full Organization Name  C. McCaffrey, Mary Rose, , , Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  C Name of Employer (for Individual) VA 22042  FEC ID number of contributing federal political committee.  C Name of Employer (for Individual) VP Corporate & ES Security  Receipt For:  Primary General Other (specify) Aggregate Year-to-Date  Aggregate Year-to-D			00 0	-		
B. McCaffrey, Mary Rose, ,  Malling Address 2980 Fairview Park Drive  City Falls Church FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Primary Other (specify) ▼  State VA ZIp Code VA Z2042  Transaction ID : A2019-1953341  Amount of Each Receipt this Period  Memo Item  Memo Item  Date of Receipt  Transaction ID : A2019-1953341  Amount of Each Receipt this Period  FEC ID number of Individual) VP Corporate & ES Security  Receipt For: Primary Other (specify) ▼  Aggregate Year-to-Date ▼  Date of Receipt  Transaction ID : A2019-1953341  Amount of Each Receipt this Period  Date of Receipt  Transaction ID : A2019-1971073  Amount of Each Receipt this Period  EC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For: Primary Other (specify)  Aggregate Year-to-Date ▼  Aggregate Year-to-Date ▼  Aggregate Year-to-Date ▼  Aggregate Year-to-Date ▼  Memo Item		Other (specify) ▼		7	680.00	
City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Fec in Name of Individual (Last, First, Middle Initial) or Full Organization Name  C. McCaffrey, Mary Rose, , ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  State VA 22042  Date of Receipt  Date of Receipt  Transaction ID: A2019-1953341  Amount of Each Receipt this Period  Memo Item  Date of Receipt  Transaction ID: A2019-1971073  Amount of Each Receipt  Transaction ID: A2019-1971073  Amount of Each Receipt this Period  City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Northrop Grumman Corporation  Receipt For: Primary General Other (specify)  Aggregate Year-to-Date ▼  Aggregate Year-to-Date ▼  Memo Item  Memo Item			al) or Full (	Organi	zation Name	Date of Receipt
Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:  Primary General Other (specify) ▼  City Falls Church  FEC ID number of contributing federal political committee.  Name of Individual (Last, First, Middle Initial) or Full Organization Name  C. McCaffrey, Mary Rose, , ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:  Primary General  Other (specify)  Aggregate Year-to-Date ▼		Mailing Address 2980 Fairview Park Drive				
FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:  Primary General Other (specify)   City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Coccupation (for Individual) VP Corporate & ES Security  Aggregate Year-to-Date   Aggregate Year-to-Date   Common State Sta		City	State		Zip Code	Transaction ID : A2019-1953341
Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:  Primary General  Other (specify) ▼  Aggregate Year-to-Date ▼  Full Name of Individual (Last, First, Middle Initial) or Full Organization Name  C. McCaffrey, Mary Rose, , ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:  Primary General  Other (specify)  Aggregate Year-to-Date ▼  Other (specify)  Aggregate Year-to-Date ▼  Other (specify)  Memo Item  Memo Item  Memo Item  Memo Item		Falls Church	VA		22042	Amount of Each Receipt this Period
Northrop Grumman Corporation  Northrop Grumman Corporation  VP Corporate & ES Security  Receipt For:  Primary General  Other (specify) ▼  Aggregate Year-to-Date ▼  Full Name of Individual (Last, First, Middle Initial) or Full Organization Name  C. McCaffrey, Mary Rose, , ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:  Primary General Other (specify)  Aggregate Year-to-Date ▼		· ·	96.15			
Primary General Other (specify) ▼    Date of Receipt   Date of Re					,	Memo Item
C. McCaffrey, Mary Rose, , ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For: Primary Other (specify)  Date of Receipt  M M M 23 2019  Transaction ID : A2019-1971073  Amount of Each Receipt this Period  Memo Item  Memo Item		Primary General				
City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For: Primary Other (specify)  Ostate Zip Code 22042  Transaction ID : A2019-1971073  Amount of Each Receipt this Period  Memo Item  Memo Item			al) or Full C	Organi	zation Name	Date of Receipt
Falls Church  VA 22042  Amount of Each Receipt this Period  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:  Primary General Other (specify)  Aggregate Year-to-Date ▼  Aggregate Year-to-Date ▼		Mailing Address 2980 Fairview Park Drive				
FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For: Primary General Other (specify)  Amount of Each Receipt this Period  96.15  Memo Item  Aggregate Year-to-Date   1634.55		City		:	Zip Code	Transaction ID : A2019-1971073
Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:  Primary General Other (specify)  Occupation (for Individual) VP Corporate & ES Security  Aggregate Year-to-Date ▼  1634.55		Falls Church	VA		22042	Amount of Each Receipt this Period
Northrop Grumman Corporation  Receipt For:  Primary General  Other (specify)  Aggregate Year-to-Date ▼  1634.55		· ·	С			96.15
Primary General Other (specify)  Aggregate real-to-bate v  1634.55					,	Memo Item
Primary General Other (specify) 1634.55		Receipt For:	Aggregate	Year-	-to-Date ▼	
SUBTOTAL of Receipts This Page (optional)				7	1634.55	
TOTAL This Period (last page this line number only)						232.30

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCain, Kenneth, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952226 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** McCain, Kenneth, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973706 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** McCaleb, Robert, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1953103 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCaleb, Robert, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972448 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McCallam, Dennis, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950586 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McCallam, Dennis, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974950 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 138.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCammon, Gregory, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951440 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McCammon, Gregory, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971682 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McCarthy, Brian, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950046 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Mechani Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCarthy, Erika, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953277 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** McCarthy, Erika, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971009 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McCarthy, Thomas, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972899 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Government Affairs Rep Receipt For: Aggregate Year-to-Date ▼ Primary General 250.00 Other (specify) 126.94 SUBTOTAL of Receipts This Page (optional).....

#### SCHEDULE A (FEC Form 3X) **ITEMI**

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Any info or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCasland, Daniel, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951685 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McCasland, Daniel, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973518 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** McCloud, Thomas, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950231 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Software Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 115.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCloud, Thomas, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974561 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Software Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McCord, Joseph, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951805 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McCord, Joseph, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1972113 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 76.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCormick, Cheryl, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951788 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Information Technology Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 350.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McCormick, Cheryl, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972096 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 370.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McCreesh, John, F., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950127 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCreesh, John, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972962 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McCue, Donald, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950349 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Finance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 480.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McCue, Donald, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974677 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Finance Receipt For: Aggregate Year-to-Date ▼ Primary General 510.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McCune, Robin, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953088 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McCune, Robin, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972433 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McDaniels, Joseph, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953544 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) 88.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McDaniels, Joseph, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971458 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Mcdonough, Michael, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950665 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mcdonough, Michael, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973077 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.44 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McElroy, Joseph, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949739 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McElroy, Joseph, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974056 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McEwen, Elizabeth, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950567 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Compensation Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McEwen, Elizabeth, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974931 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Compensation Analyst Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** McGarey, Jennifer, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952962 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP and Secretary Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1538.40 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** McGarey, Jennifer, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974471 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP and Secretary Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.55 Other (specify) 212.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mcgoldrick, James, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972674 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 21.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 357.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mcgovern, James, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952717 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl S/W Config Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mcgovern, James, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974223 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl S/W Config Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 61.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McGrath, David, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949184 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McGrath, David, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975579 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 360.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** McGregor, Michael, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949185 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 153.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 1224.00 Other (specify) 233.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McGregor, Michael, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975580 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 153.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP** Operations Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1377.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mchugh, James, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952746 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mchugh, James, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974253 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 193.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McIlrath, Robert, S, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952523 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** McIlrath, Robert, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973842 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McKenna, Debra, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951965 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 428.17 Other (specify) 76.93 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McKenna, Debra, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972272 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 466.64 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** McKinley, Jerry, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949851 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Technical Trainer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McKinley, Jerry, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972814 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Technical Trainer Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 138.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McKinney, Lloyd, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949575 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. McKinney, Lloyd, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973561 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 663.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McLaughlin, Sean, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1950780 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 103.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name McNiece, Michael, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952692 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** McNiece, Michael, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974199 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mcpherson, Sonja, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950789 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 65.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 871.67 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mcpherson, Sonja, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973201 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 65.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 936.67 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** McSweeny, Mary, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949912 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Investor Relations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1600.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. McSweeny, Mary, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973334 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Investor Relations Receipt For: Aggregate Year-to-Date ▼ Primary General 1700.00 Other (specify) 265.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mead, Anne, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953253 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Real Estate Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mead, Anne, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1970985 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Real Estate Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Meaney, Michael, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1949990 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) 134.61 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Meaney, Michael, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973934 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.55 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Medalle, Katherine, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951228 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Medalle, Katherine, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973474 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 173.09 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Medina, Daniel, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952474 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Medina, Daniel, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971216 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Meesuk, Kasempath, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950850 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 21.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 344.00 Other (specify) 59.96 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Meesuk, Kasempath, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973261 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 21.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 365.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Megel, Benjamin, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951463 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Megel, Benjamin, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971705 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 98.44 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mehltretter, Marie, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951618 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Budget Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Mehltretter, Marie, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971861 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Budget Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mehltretter, Robert, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951358 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mehltretter, Robert, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971601 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Melby, Inger, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952558 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 672.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Melby, Inger, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973961 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 714.00 Other (specify) 124.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Melchiorre, Telaina, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953420 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Melchiorre, Telaina, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972607 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Meloro, Marianne, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1950260 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Structural Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 115.41 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Meloro, Marianne, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974590 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Structural Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mendenhall, Valerie, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950588 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mendenhall, Valerie, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974952 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.41 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mendoza, Edward, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952826 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Principal Project Mgmt Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 288.45 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mendoza, Edward, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974333 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Project Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mendoza, Monica, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951215 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 249.99 Other (specify) 57.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mendoza, Monica, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973461 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 269.22 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Menke, Mark, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951128 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 672.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Menke, Mark, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973375 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 714.00 Other (specify) 103.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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fo D Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Menzer, Cynthia, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952757 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Process Improvement Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Menzer, Cynthia, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974264 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Process Improvement Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Meredith, Arthur, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1949190 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 464.00 Other (specify) 98.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Meredith, Arthur, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975101 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Dir Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 522.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Meredith, Keith, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951195 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Mechanical Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Meredith, Keith, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973442 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Mechanical Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 108.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mersch, Mary, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951247 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Mersch, Mary, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971489 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mettee, Gregory, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950581 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mettee, Gregory, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974945 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Metts, Willie, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953372 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Metts, Willie, L., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1971103 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 96.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Metzler, Adam, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952928 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 308.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Metzler, Adam, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974437 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 327.25 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Metzler, Karen, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952498 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 76.96 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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14 13 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Metzler, Karen, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971240 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Meyer, Jeffrey, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953008 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Meyer, Jeffrey, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974518 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.40 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Meyer, Michelle, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952518 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1160.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Meyer, Michelle, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971260 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1170.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Miano, Michael, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1949192 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Operations Receipt For: Aggregate Year-to-Date ▼ Primary General 307.76 Other (specify) 58.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Miano, Michael, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975103 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Dir Operations Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 346.23 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Michael, Eric, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952932 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 624.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Michael, Eric, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974441 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) 116.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Michlitsch, Matthew, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952656 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Structural Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Michlitsch, Matthew, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974165 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Structural Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mickey, Kevin, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1949708 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.72 Other (specify) 173.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mickey, Kevin, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974026 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and General Manager Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.89 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Mihelich, Jeremy, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952313 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mihelich, Jeremy, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1973793 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 176.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mihelich, Robert, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949692 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mihelich, Robert, B., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974010 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Miklich, Andrew, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951500 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Physicist Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Miklich, Andrew, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971742 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Staff Physicist Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Miles, Herbert, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949820 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Structural Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 616.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Miles, Herbert, F., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972783 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Structural Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) 97.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 940 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Miller, Christopher, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950578 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Miller, Christopher, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974942 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Miller, Diane, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952171 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Cyber Intelligence Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Miller, Jodi, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952184 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Miller, Jodi, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973665 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Miller, Larry, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953334 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Cyber Systems Engrng Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Miller, Larry, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971066 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Cyber Systems Engrng Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Miller, Lisa, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952513 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.24 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp Dir Division Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.84 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Miller, Lisa, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971255 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.24 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp Dir Division Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 327.08 Other (specify) 58.48 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Miller, Michael, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951322 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Miller, Michael, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971565 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Miller, Robert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952582 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Minor, Franklin, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953255 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Minor, Franklin, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1970987 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Missar, Kevin, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953535 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 230.82 Other (specify) 76.93 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mitchell, Geoff, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952853 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mitchell, Geoff, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974360 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mitchell, Kevin, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1951880 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Production Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.72 Other (specify) 173.09 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mo, Frances, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950840 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Mo, Frances, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1973251 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mo Davis, Dale, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952121 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 101.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mo Davis, Dale, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973602 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Mocala, Krystof, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949830 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engr Microelec Smcndctr Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Mocala, Krystof, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972793 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engr Microelec Smcndctr Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Moen, Krystle, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974263 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Mohan, Kaushik, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953257 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electrical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Mohan, Kaushik, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1970989 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electrical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mohr, Mark, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953119 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Mohr, Mark, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972464 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Montgomery, John, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953196 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.85 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 621.60 Other (specify) 115.79 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Montgomery, John, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972544 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.85 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 660.45 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Moon, He, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952107 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 1.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Info Sys Proj Mgr Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 203.30 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Moon, He, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973588 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 1.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Info Sys Proj Mgr Receipt For: Aggregate Year-to-Date ▼ Primary General 204.30 Other (specify) 40.85 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Full Name of Individual (Last, First, Middle Ini Moore, Roderick, A, ,  Mailing Address 2980 Fairview Park Drive	tial) or Full Org	anization Name	Date of Receipt
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Moore, Roderick, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973498 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Electromechanic Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Moore, Thomas, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1949202 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 768.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Moore, Thomas, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975113 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 864.00 Other (specify) 212.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Moore, William, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951876 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Moore, William, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972184 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Morales, Laura, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951377 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Prncpl Pgm Cst Schd Cntrl Anly Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 125.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Morales, Laura, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971619 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Prncpl Pgm Cst Schd Cntrl Anly Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Morgan, Harold, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950708 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Morgan, Harold, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1973120 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Morgan, John, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952524 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Morgan, John, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953481 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Morgan, John, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973843 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 138.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Morgan, John, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972876 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Moriconi, Andrew, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950498 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.86 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 685.76 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Moriconi, Andrew, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974827 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.86 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 728.62 Other (specify) 124.19 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Morlang, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953362 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Engr Sys Architec Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Morlang, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971093 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Engr Sys Architec Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Morris, Tim, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949836 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Mechani Receipt For: Aggregate Year-to-Date ▼ Primary General 439.00 Other (specify) 119.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Morrison, Jeff, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953332 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Prncpl Configuration Anlyst Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Morrison, Jeff, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971064 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Configuration Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 510.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Morrissette, Leo, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949904 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Morrissette, Leo, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973326 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Morse, Lawrence, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951976 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Morse, Lawrence, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972283 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 150.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Mosier, Robert, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952104 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Mosier, Robert, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973585 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Movius, Stephen, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952042 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 97.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP and Treasurer Receipt For: Aggregate Year-to-Date ▼ Primary General 1552.00 Other (specify) 197.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Moxley, Theresa, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951274 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Moxley, Theresa, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971516 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Moynihan, Timothy, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1950010 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 101.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Muller, Amanda, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974979 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Staff Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Muller, Martin, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950549 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Muller, Martin, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973052 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 119.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Murphy, Steven, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952478 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Murphy, Steven, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971220 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Murphy, Yolanda, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952245 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Communications** Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Murphy, Yolanda, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973725 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Communications** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Murray, Kathleen, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1982514 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 500.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Software Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 500.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Murray, Melanie, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952316 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 590.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Murray, Melanie, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973796 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Murray, Nicholas, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950940 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 960.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Murray, Nicholas, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975006 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1020.00 Other (specify) 170.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Musson, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950701 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Consulting Chief Engineer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Musson, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973113 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Myers, James, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949589 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 77.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1232.00 Other (specify) 177.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nance, Murray, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953047 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Nance, Murray, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972392 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nasr, Michael, C., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952657 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nasr, Michael, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974166 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Nassib, Ramzi, Y,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950729 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nassib, Ramzi, Y, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973141 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Navale, Sunil, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974640 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and CFO Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1700.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Navarre, Cara, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949781 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Project Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Navarre, Cara, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1974098 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Project Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 176.92 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Navarro, David, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951978 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Navarro, David, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972285 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Navarro, Ernest, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951334 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Cyber Sys Engr Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Navarro, Ernest, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971577 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Cyber Sys Engr Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Navarro, Norma, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952066 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Navarro, Norma, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972325 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Neebe, Mark, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950047 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Neebe, Mark, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972657 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nehring, Daniel, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1953570 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nelson, Shannon, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951130 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Nelson, Shannon, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1973377 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Neves, Carol, L., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1949470 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1600.00 Other (specify) 180.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Neves, Carol, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973271 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1700.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Newlin, Craig, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951152 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Newlin, Craig, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973399 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nichols, James, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949216 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP** Operations Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Nichols, James, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975129 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP** Operations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 450.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Nichols, William, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951471 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nichols, William, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971713 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Nielsen, Erik, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949886 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supplier Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nielsen, Erik, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972850 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supplier Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Niermeyer, Christopher, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951441 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Systems Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Niermeyer, Christopher, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971683 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nikolaus, Alfonse, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951894 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Noe, Brian, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950369 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Noe, Brian, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974697 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nolan, Joan, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949724 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 130.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nolan, Joan, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974041 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Nolan, Patrick, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949223 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nolan, Patrick, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1975136 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) 130.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nold, William, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950769 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Nold, William, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973181 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Nolls, Anthony, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950057 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 138.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nolls, Anthony, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972667 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Norcross, Joshua, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952231 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Reg Complianc Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Norcross, Joshua, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973711 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Reg Complianc Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 88.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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PAGE 1007 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nosal, Greg, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953349 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Staffing Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Nosal, Greg, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971081 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Staffing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Nothdurft, Jaclyn, D, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1953440 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Project Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Novak, Michael, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953506 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 59.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 472.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Novak, Michael, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972901 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 59.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 531.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Nowicki, Susan, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950251 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) 157.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Nyre, Janine, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971809 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Supply Chain Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.55 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. O'Connor, Charles, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950162 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. O'Connor, Charles, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972996 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 136.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name O'Connor, Jennifer, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949794 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Asoc Gen Cnsl and Sctr Cnsl Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. O'Connor, Jennifer, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972757 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Asoc Gen Cnsl and Sctr Cnsl Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1634.55 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. O'Connor, Patrick, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951814 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 230.77 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name O'Connor, Patrick, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972122 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Supply Chain Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. O'Connor, Sean, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953124 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. O'Connor, Sean, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1972470 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 115.39 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name O'Donnell, Michele, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951932 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Cyber Info Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. O'Donnell, Michele, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972239 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Cyber Info Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 430.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. O'Gorman, Matthew, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949902 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) 94.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name O'Gorman, Matthew, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973324 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. O'Hara, Michael, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949953 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 480.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. O'Hara, Michael, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973898 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 510.00 Other (specify) 99.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name O'Keefe, Michael, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951667 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. O'Keefe, Michael, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973500 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. O'Mara, Joseph, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949579 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name O'Mara, Joseph, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973565 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Program Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** O'Reilly, Elaine, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949926 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. O'Reilly, Elaine, F., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973871 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 96.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name O'Toole, Mark, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951601 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. O'Toole, Mark, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971843 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Oakley, Vincent, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950258 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 150.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Oakley, Vincent, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974588 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Obering, Henry, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949748 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Obering, Henry, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974065 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Obert, Russell, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951497 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Obert, Russell, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971739 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ochoa, Miguel, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952486 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

# SCHEDULE A (FEC Form 3X)

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PAGE 1023 OF Use separate schedule(s) ITEMIZED RECEIPTS for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ochoa, Miguel,,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971228 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ogletree, James, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950744 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 624.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ogletree, James, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973156 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify)

118.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ogren, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949225 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 192.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Business Development** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1536.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ogren, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975138 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 192.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1728.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Oguete, Joel, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951396 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 41.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 656.00 Other (specify) 425.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Oguete, Joel, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971638 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 41.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 697.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ohara, Joseph, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950413 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 480.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ohara, Joseph, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1974742 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 510.00 Other (specify) 101.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ohlemacher, Richard, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950181 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ohlemacher, Richard, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973014 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ojeda, Rafael, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949594 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ojeda, Rafael, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971944 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Oki, Aaron, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952194 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Oki, Aaron, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973675 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Olawuyi, Shurhonda, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949688 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 604.23 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Olawuyi, Shurhonda, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974006 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 643.23 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Olds, Alan, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952632 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 97.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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# SCHEDULE A (FEC Form 3X)

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ITEMIZED RECEIPTS for each category **Detailed Summary** Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Olds, Alan, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974142 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Oliver, James, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950399 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Cnsltng Engr Circuit Dsgn Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Oliver, James, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1974728 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Cnsltng Engr Circuit Dsgn Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Olles, Janet, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950987 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Olles, Janet, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971316 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ollikainen, Andrew, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953221 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Structural Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 88.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ollikainen, Andrew, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1970953 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Structural Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Olsen, Ronald, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951757 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Olsen, Ronald, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972065 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 130.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Olson, Ann, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 13 2019 City Zip Code State Transaction ID: A2019-1953683 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 269.29 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Olson, Ann, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973846 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.76 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Olson, Bart, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949229 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Business Devlpmt & Strategy Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Olson, Bart, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975142 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Business Devlpmt & Strategy Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Olson, Daniel, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949230 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Olson, Daniel, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975143 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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$\rangle$	NAME OF COMMITTEE (In Full) Employees of Northrop Grumman Co	rpor	ati	ion PAC												
١.	Full Name of Individual (Last, First, Middle Initial) or Fopdahl, Mark, A, ,	ull Org	gan	ization Name		Date of Receipt										
	Mailing Address 2980 Fairview Park Drive				] [	M M	/		09		/	Y	2019	Y		
	City Stat Falls Church VA	е		Zip Code 22042		Trans										
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	Receipt For:  Primary General  Other (specify) ▼  Aggre	Aggregate Year-to-Date ▼ 320.00														
3.	Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Opdahl, Mark, A, ,							Date of Receipt								
	Mailing Address 2980 Fairview Park Drive	] [	08 23 2019													
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				Occupation (for Individual) Staff Engineer Systems												
	Receipt For:  Primary General  Other (specify) ▼  Aggre	egate Y	Year	r-to-Date ▼ 340.00												
<u> </u>	Full Name of Individual (Last, First, Middle Initial) or F Operacz, Stefani, , ,	ull Org	gan	ization Name		ate of	Re	ece	eipt							
	Mailing Address 2980 Fairview Park Drive				08 09 / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y											
	City Stat Falls Church VA			Zip Code 22042	A	Trans mount										
	FEC ID number of contributing federal political committee.						_	J	7		- 1		_	0.00		
	Name of Employer (for Individual)  Northrop Grumman Corporation		•	on (for Individual) n Plng Schdlng Anlyst		Me	emo	o l	tem							
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Operacz, Stefani, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973808 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Pgm Plng Schdlng Anlyst Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Opp, Joseph, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949803 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 384.70 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Opp, Joseph, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972766 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 423.17 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Orchard, Curtis, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951571 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Orchard, Curtis, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971812 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Orlowski, Christian, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951983 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Orlowski, Christian, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972290 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Orner, Dennis, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949693 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Orner, Dennis, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974011 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.40 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ott, Christian, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953247 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Mechanical Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ott, Christian, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1970979 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Mechanical Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Owen, Gary, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949637 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Owen, Gary, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971988 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Owens, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949686 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Owens, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974004 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Owens, Richard, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950868 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Owens, Richard, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974897 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Owens, Scott, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953587 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ozarowski, Mark, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950626 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Supply Chain Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ozarowski, Mark, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975037 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 510.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Pabst, Randolph, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949507 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 79.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pabst, Randolph, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975077 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pace, John, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951545 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 960.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pace, John, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971787 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1020.00 Other (specify) 139.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pachunka, Douglas, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951469 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 720.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pachunka, Douglas, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971711 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 765.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Padilla, Max, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949645 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Padilla, Max, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971996 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Page, Walter, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950865 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 70.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Asoc Gen Cnsl and Sctr Cnsl Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1120.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Page, Walter, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974894 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 70.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Asoc Gen Cnsl and Sctr Cnsl Receipt For: Aggregate Year-to-Date ▼ Primary General 1190.00 Other (specify) 160.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pahl, Christopher, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952953 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Computer Systems Analysis Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Pahl, Christopher, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974462 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Computer Systems Analysis Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pak, Paul, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950163 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pak, Paul, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972997 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Palacorolla, Kevin, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950684 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Palacorolla, Kevin, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973096 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Palafox, Gary, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949232 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Intl Trd CmpInce Analyst Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Palafox, Gary, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975145 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Intl Trd CmpInce Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 360.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Paliwoda, Lucy, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951829 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1280.00 Other (specify) 160.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Paliwoda, Lucy, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972137 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Systems Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Palm, Tod, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951714 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Palm, Tod, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973547 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Palmor, Yehonatan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973069 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Palusamy, Arun, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950417 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1600.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Palusamy, Arun, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974746 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 1700.00 Other (specify) 238.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pamiljans, Janis, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950167 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 231.12 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp VP and President AS Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 3697.92 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pamiljans, Janis, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973000 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 231.12 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP and President AS Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 3929.04 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pande, Kailash, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949233 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Cnsltng Engr Guidance Nav Ctrl Receipt For: Aggregate Year-to-Date ▼ Primary General 308.00 Other (specify) 500.74 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pande, Kailash, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975146 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Cnsltng Engr Guidance Nav Ctrl Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 346.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pano, Scott, B., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951075 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pano, Scott, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971404 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 78.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: **PAGE 1054 OF** Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Paper, Jonathan, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949763 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Principal Engineer Software Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Paper, Jonathan, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974080 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Engineer Software Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Paradise, Andrew, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950604 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Hardware Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1055 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Paradise, Andrew, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975015 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Hardware Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Paralusz, Kathleen, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950307 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp Dir Division Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Paralusz, Kathleen, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974636 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp Dir Division Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 76.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Paraskevopoulos, Nicholas, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950333 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and General Manager Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Paraskevopoulos, Nicholas, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974661 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1700.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Parenti, Robert, V., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949234 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 464.00 Other (specify) 258.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Parenti, Robert, V, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975147 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 522.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Park, John, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952500 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 624.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Park, John, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971242 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) 136.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Park, Jonathan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952807 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Supply Chain Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Park, Jonathan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974314 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Parker, James, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971097 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 12.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Assoc. PATHWAYS Eng Electrical Receipt For: Aggregate Year-to-Date ▼ Primary General 212.50 Other (specify) 92.50 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Parkes, Jacob, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953234 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Parkes, Jacob, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1970966 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Parkinson, Charles, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951967 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) 116.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Parris, Susan, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949663 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Parris, Susan, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972014 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Parrott, Jason, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1950370 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

# SCHEDULE A (FEC Form 3X)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Parrott, Jason, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974698 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Parsons, Dawn, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951371 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Parsons, Dawn, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971614 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional).....

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# SCHEDULE A (FEC Form 3X)

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NAME OF COMMITTEE (In Full) Employees of Northrop Grumm	an Corporat	ion PAC	
Full Name of Individual (Last, First, Middle In Partridge, David, W, ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing	State VA	Zip Code 22042	Date of Receipt  08 23 2019  Transaction ID : A2019-1974811  Amount of Each Receipt this Period
federal political committee.  Name of Employer (for Individual)  Northrop Grumman Corporation  Receipt For:  Primary General  Other (specify) ▼	Dir Prog	ar-to-Date ▼ 653.82	Memo Item
Full Name of Individual (Last, First, Middle In Partridge, Jan, H, ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:  Primary General Other (specify)	State VA C	Zip Code 22042 tion (for Individual) ware Engineering	Date of Receipt  M M M
Full Name of Individual (Last, First, Middle In Partridge, Jan, H, ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:  Primary General Other (specify)	State VA C	Zip Code 22042 tion (for Individual) ware Engineering	Date of Receipt  M
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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Patel, Chandrakant, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971108 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Staff Chief Engineer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Patel, Mayur, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950316 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 577.05 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Patel, Mayur, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974645 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Patel, Miti, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951966 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Systems Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Patel, Miti, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972273 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Patillo, Tony, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1950800 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Patillo, Tony, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973212 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Patrick, Keith, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950841 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Patrick, Keith, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973252 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 126.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Any information copied from such Reports and Statements may or for commercial purposes, other than using the name and add NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Patterson, Deborah, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 09 City Zip Code State Transaction ID: A2019-1949927 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Patterson, Deborah, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973872 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Paul, Daniel, C., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1950900 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 97.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Paul, Daniel, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974929 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Paul, Jennifer, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949804 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Paul, Jennifer, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972767 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

SCHEDULE A (FEC Form 3X) FOR LINE NUMBER: PAGE 1071 OF Use separate schedule(s) (check only one) ITEMIZED RECEIPTS for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pawelka, Robert, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950442 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Chief Engineer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pawelka, Robert, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974771 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00

Full Name of Individual (Last, First, Middle In Payne, Christopher, C, ,	nitial) or Full Org	ganization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive			08 09 2019
City	State	Zip Code	Transaction ID : A2019-1950049
Falls Church	VA	22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C		38.46
Name of Employer (for Individual)	Occup	pation (for Individual)	Memo Item
Northrop Grumman Corporation	Mgr O	ptical Engineering	
Receipt For: Primary General Other (specify)	Aggregate Y	ear-to-Date ▼ 269.22	
			78 46

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Payne, Christopher, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972659 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Optical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Payne, Eddy, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949735 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Communications** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Payne, Eddy, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974052 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Communications** Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Paynter, Timothy, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950724 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Communications** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 673.06 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Paynter, Timothy, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973136 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Communications** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 723.06 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Payton, Matiel, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1953152 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 138.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Payton, Matiel, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972499 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Paz, Arnaldo, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951809 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Real Estate Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Paz, Arnaldo, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972117 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Real Estate Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pearce, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949727 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pearce, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974044 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Pearce, Robert, N., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951726 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 288.45 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pearce, Robert, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972034 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Mechanical Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Pearson, Curtis, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950535 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pearson, Curtis, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973037 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 96.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_\_

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Peck, Brian, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950521 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Peck, Brian, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973023 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pedroza, Lewis, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949604 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 500.50 Other (specify) 88.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pena, Therese, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951528 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Contract Administrator Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 220.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Pena, Therese, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971770 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Contract Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 240.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pena, Valentina, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950989 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pena, Valentina, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971318 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pence, Amy, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950743 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Bus Dev Operations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 515.38 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pence, Amy, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973155 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Bus Dev Operations Receipt For: Aggregate Year-to-Date ▼ Primary General 555.38 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pence, Ronald, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950756 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pence, Ronald, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973168 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Penkert, Michael, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1951400 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Employee Relations Receipt For: Aggregate Year-to-Date ▼ Primary General 308.00 Other (specify) 96.25 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

# SCHEDULE A (FEC Form 3X)

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Any information copied from such Reports and S or for commercial purposes, other than using the								
NAME OF COMMITTEE (In Full) Employees of Northrop Grumm	an Corporation PAC							
Full Name of Individual (Last, First, Middle Ini Penkert, Michael, L, ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual)  Northrop Grumman Corporation  Receipt For:  Primary General Other (specify)	State Zip Code VA 22042  C  Occupation (for Individual) Dir Employee Relations  Aggregate Year-to-Date  327.25	Date of Receipt  Mos 23 2019  Transaction ID: A2019-1971642  Amount of Each Receipt this Period  19.25  Memo Item						
Full Name of Individual (Last, First, Middle Ini Pennacchi, Louis, R, ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:  Primary General Other (specify)	State Zip Code VA 22042  C  Occupation (for Individual) Dir Business Management  Aggregate Year-to-Date   624.00	Date of Receipt  M M M / D D / 2019  Transaction ID : A2019-1952343  Amount of Each Receipt this Period  39.00  Memo Item						
Full Name of Individual (Last, First, Middle Ini Pennacchi, Louis, R, ,  Mailing Address 2980 Fairview Park Drive  City Falls Church  FEC ID number of contributing federal political committee.  Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:  Primary General Other (specify)	State Zip Code VA 22042  C  Occupation (for Individual) Dir Business Management  Aggregate Year-to-Date   663.00	Date of Receipt  08						
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Perazzo, Diane, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950215 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Embedded Sftwre Eng Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Perazzo, Diane, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974545 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Embedded Sftwre Eng Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Perez, John, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950179 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Perez, John, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973012 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Pricing Cost Estimating Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Perez, Maribel, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952802 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Sup Chn Bus Op/Compl Sp Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Perez, Maribel, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974309 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Sup Chn Bus Op/Compl Sp Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 138.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Perez, Maryann, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951666 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Staff Engineer Software Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Perez, Maryann, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973499 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Software Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Perkins, Carolyn, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951996 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engr SW Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Perkins, Carolyn, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972303 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engr SW Quality Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Perkins, Daniel, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953423 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Perkins, Daniel, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1972610 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Perry, David, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950739 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 200.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp VP Chf Global Bus Dev Ofc Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 3200.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Perry, David, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1973151 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 200.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP Chf Global Bus Dev Ofc Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 3400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pesetski, Hong, Z, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1950998 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 438.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pesetski, Hong, Z, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971327 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Peterka, Patricia, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951607 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Peterka, Patricia, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971849 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Peters, Amy, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949239 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 312.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Peters, Amy, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975152 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 351.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Peters, Andrew, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1950460 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 97.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Peters, Nancy, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951706 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Peters, Nancy, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973539 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Peterson, Craig, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951071 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Peterson, Craig, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971400 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Staff Chief Engineer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Petri, Steven, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950339 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Petri, Steven, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974667 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Petrie, Arnold, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952677 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contracts Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Petrie, Arnold, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974184 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contracts Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Petryszyn, Mary, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953092 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) 196.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Petryszyn, Mary, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972437 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and General Manager Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.55 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pezzimenti, Pablo, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950742 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pezzimenti, Pablo, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973154 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 173.07 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pfaff, David, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950282 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Pfaff, David, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974611 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Pfeiffer, James, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950991 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp Dir Division Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 910.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pfeiffer, James, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971320 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Corp Dir Division Counsel Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 970.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pham, Duc, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952761 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Mechani Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 240.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pham, Duc, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974268 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Mechani Receipt For: Aggregate Year-to-Date ▼ Primary General 255.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pham, Khoa, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952217 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pham, Khoa, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973698 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Phan, Colin, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949678 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 115.38 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Phan, Colin, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972029 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Philhower, Jeffry, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951217 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Philhower, Jeffry, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973463 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Phillips, Amanda, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974947 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 33.34 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Principal Cash Mgmt Analys Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 200.04 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Phillips, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952615 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Phillips, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974125 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 113.34 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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PAGE 1100 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Phillips, Scott, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951165 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engr Embedded S/W Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Phillips, Scott, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973412 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engr Embedded S/W Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Phillips, William, C., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950663 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Phillips, William, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973075 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Philpot, Brian, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951342 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 403.45 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Philpot, Brian, L., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971585 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 422.68 Other (specify) 76.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Piche, Christopher, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950278 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Staff Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Piche, Christopher, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974607 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Pieczynski, Mark, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949242 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 41.52 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Business Devlpmt & Strategy Receipt For: Aggregate Year-to-Date ▼ Primary General 332.16 Other (specify) 81.52 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pieczynski, Mark, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975155 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 41.52 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Business Devlpmt & Strategy Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 373.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pierce, Erin, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951485 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Pierce, Erin, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971727 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 141.52 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pierce, Keri, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950725 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Human Resources Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pierce, Keri, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973137 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Pieronek, Thomas, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1951162 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and CTO Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) 173.09 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pieronek, Thomas, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973409 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and CTO Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.55 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pinder, John, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953540 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 577.05 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pinder, John, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971454 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 173.09 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pinkelton, Terri, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950315 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Pinkelton, Terri, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974644 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Pinkston, Michael, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949243 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Deputy General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General 768.00 Other (specify) 172.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pinkston, Michael, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975156 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Deputy General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General 864.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Pinnaduwage, Kelum, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952958 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Pinnaduwage, Kelum, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974467 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 172.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pinton, Filippo, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949930 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Consulting Chief Engineer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pinton, Filippo, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973875 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pipes, Ronald, N., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949628 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pipes, Ronald, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971979 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Pipkin, Aaron, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952095 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 619.23 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pipkin, Aaron, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973576 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 659.23 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Piquet, Silvia, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950074 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Systems Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Piquet, Silvia, V, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972684 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pitts-Madonna, Elizabeth, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953592 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Human Resources and Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) 176.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pitts-Madonna, Elizabeth, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971428 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Human Resources and Admin Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.55 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Pitzer, Joseph, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953437 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Pitzer, Joseph, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1972723 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 136.15 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Plante, David, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951454 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Plante, David, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971696 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pleim, Kurt, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953189 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Plummer, Christopher, W, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951349 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Plummer, Christopher, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971592 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pocius, Charles, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951138 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 308.80 Other (specify) 96.22 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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Use separate schedule(s) for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pocius, Charles, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973385 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Staff Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 328.10 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Poffenberger, Jessica, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952387 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Poffenberger, Jessica, K., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971129 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 57.76 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pohl, David, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951868 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pohl, David, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972176 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pohland, Robert, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950518 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pohland, Robert, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974847 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pohner, John, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949502 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pohner, John, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1975072 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 119.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pokrzywa, Brian, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952709 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Pokrzywa, Brian, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974216 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Polc, Finnbarr, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950421 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 21.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 336.00 Other (specify) 97.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions

or for commercial purposes, other than using the	ne name and address of any political committee to	o solicit contributions from such committee.
NAME OF COMMITTEE (In Full) Employees of Northrop Grumn	·	
Full Name of Individual (Last, First, Middle In Polc, Finnbarr, P, ,  Mailing Address 2980 Fairview Park Drive	nitial) or Full Organization Name	Date of Receipt
City Falls Church	State Zip Code VA 22042	08 23 2019  Transaction ID : A2019-1974750  Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	21.00
Name of Employer (for Individual)  Northrop Grumman Corporation	Occupation (for Individual) Sr. Principal Engineer	Memo Item
Receipt For:  Primary General  Other (specify) ▼	Aggregate Year-to-Date ▼ 357.00	
Full Name of Individual (Last, First, Middle In Pollack, Catherine, E, ,  Mailing Address 2980 Fairview Park Drive	Date of Receipt  M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	
City Falls Church	State Zip Code VA 22042	Transaction ID : A2019-1950753  Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	40.00
Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individual) Corporate Counsel	Memo Item
Receipt For:  Primary General  Other (specify) ▼	Aggregate Year-to-Date ▼ 640.00	
Full Name of Individual (Last, First, Middle In Pollack, Catherine, E, ,	nitial) or Full Organization Name	Date of Receipt
Mailing Address 2980 Fairview Park Drive  City	State Zip Code	08 23 2019 Transaction ID : A2019-1973165
Falls Church	VA 22042	Amount of Each Receipt this Period
FEC ID number of contributing federal political committee.	C	40.00
Name of Employer (for Individual)  Northrop Grumman Corporation	Occupation (for Individual) Corporate Counsel	Memo Item
Receipt For: Primary General Other (specify)	Aggregate Year-to-Date ▼  680.00	
SUBTOTAL of Receipts This Page (optional)	<b>&gt;</b>	101.00
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Polston, Robert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953459 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Staffing Receipt For: Aggregate Year-to-Date ▼ Primary General 500.11 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Polston, Robert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972745 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Staffing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 538.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Polvino, Robert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953169 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 115.41 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Polvino, Robert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972516 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Poma, Jared, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1953007 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Field Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Poma, Jared, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974517 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Field Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 118.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pomeroy, Jill, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949800 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Government Affairs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pomeroy, Jill, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972763 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Poole, Tonya, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953242 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Poole, Tonya, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1970974 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Porter, Lori, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951327 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Enterprise Wide Apps Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Porter, Lori, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1971570 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Enterprise Wide Apps Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Portner, David, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953202 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Portner, David, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972550 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Post, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950824 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.45 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 727.20 Other (specify) 85.45 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Potter, Douglas, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951931 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Electrical Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 240.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Potter, Douglas, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972238 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Electrical Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 255.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Potts, Emily, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 06 2019 City State Zip Code Transaction ID: A2019-1982512 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 1500.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1500.00 Other (specify) 1530.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Powers, Benjamin, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952749 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Powers, Benjamin, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974256 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Prangley, Karen, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952768 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 26.32 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 421.12 Other (specify) 64.78 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 1129 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Predaina, Christy, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952414 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Predaina, Christy, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971156 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Pressey, Scott, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953607 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.24 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Computer Systems Analysis Receipt For: Aggregate Year-to-Date ▼ Primary General 307.84 Other (specify) 96.16 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pressey, Scott, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971443 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.24 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Computer Systems Analysis Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 327.08 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Price, Richard, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950930 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Price, Richard, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974996 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 99.24 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 1131 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Price, William, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949247 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 308.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Price, William, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975160 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 346.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Prince Ramos, Amy, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949753 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Supl Chn Subctr Spec Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 96.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Prince Ramos, Amy, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974070 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Prncpl Supl Chn Subctr Spec Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pritchard, Bill, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950904 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pritchard, Bill, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1974970 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 96.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pruett, Barbara, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973530 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Prusak, John, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1949508 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Prusak, John, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1975078 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 138.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Przybysz, James, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951111 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Przybysz, James, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973358 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Przybysz, John, X, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1950810 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Physicist Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) 119.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Przybysz, John, X,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973222 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Consulting Physicist Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Pullen, John, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949250 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pullen, John, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1975163 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) 119.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Puri, Sundeep, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972100 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Matl Process Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Purvis, Shawn, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953044 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP and President ES Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1538.40 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Purvis, Shawn, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972388 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp VP and President ES Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.55 Other (specify) 212.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Pye, Regina, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952686 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Principal Project Mgmt Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Pye, Regina, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974193 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Project Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 663.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Pyles, Brandt, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1952183 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 103.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Quast, Peter, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949983 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Quast, Peter, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1973927 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Quejado, Rudy, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951877 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 36.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 576.00 Other (specify) 112.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rains, Lon, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952676 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 1600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Rains, Lon, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974183 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1700.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Raksnys, Robert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951794 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 220.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Raksnys, Robert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972102 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ralston, Edward, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949253 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ralston, Edward, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975167 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ramirez, Alfredo, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973646 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP** Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 810.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ramirez, Ida, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1951947 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Supply Chain Mfg. Spec Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ramirez, Ida, V, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972254 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Supply Chain Mfg. Spec Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 150.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for ea Detail Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ramirez, Miguel, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950280 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 720.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ramirez, Miguel, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974609 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 765.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ramme, Donald, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1950213 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ramme, Donald, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974543 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rao, Sudhakar, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952930 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rao, Sudhakar, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974439 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 58.46 SUBTOTAL of Receipts This Page (optional).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Raraigh, Brendon, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950453 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Raraigh, Brendon, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974782 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rebman, Elizabeth, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950216 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) 119.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rebman, Elizabeth, E, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974546 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rebovich, David, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950401 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 360.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rebovich, David, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1974730 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 119.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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		used by any person for the purpose of soliciting contributions litical committee to solicit contributions from such committee.				
NAME OF COMMITTEE (In Full) Employees of Northrop Grum	man Corporation PAC					
Full Name of Individual (Last, First, Middle Rechen, Daniel, J, ,  Mailing Address 2980 Fairview Park Drive	Date of Receipt  M M / D D / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y					
City Falls Church	State Zip Code VA 22042	Transaction ID : A2019-1952745  Amount of Each Receipt this Period				
FEC ID number of contributing federal political committee.	C	20.00				
Name of Employer (for Individual)  Northrop Grumman Corporation  Receipt For:  Primary General  Other (specify) ▼	Occupation (for Individ Staff Engineering Desig Aggregate Year-to-Date ▼	320.00				
Full Name of Individual (Last, First, Middle Rechen, Daniel, J, ,  Mailing Address 2980 Fairview Park Drive	Initial) or Full Organization Name	Date of Receipt    Mark				
City Falls Church FEC ID number of contributing	State Zip Code 22042	Transaction ID : A2019-1974252  Amount of Each Receipt this Period  20.00				
Name of Employer (for Individual) Northrop Grumman Corporation	Occupation (for Individ	dual) Memo Item				
Receipt For:  Primary General  Other (specify) ▼	Aggregate Year-to-Date ▼	340.00				
Full Name of Individual (Last, First, Middle Redmond, Martin, B, ,  Mailing Address 2980 Fairview Park Drive						
City	State Zip Code	08 09 2019 Transaction ID : A2019-1953087				
Falls Church  FEC ID number of contributing federal political committee.	VA 22042	Amount of Each Receipt this Period 40.00				
Name of Employer (for Individual)  Northrop Grumman Corporation  Receipt For:  Primary General  Other (specify)	Occupation (for Individ Dir Project Managemer Aggregate Year-to-Date ▼	,				
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FOR LINE NUMBER: PAGE 1155 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Redmond, Martin, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972432 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reed, Darryl, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952637 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 534.70 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reed, Darryl, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974147 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 573.17 Other (specify)

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reed, Henry, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952886 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Strategic Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 750.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reed, Henry, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974395 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reed, Jeffrey, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1950102 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 138.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reed, Jeffrey, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972938 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rees, Kevin, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949257 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Operations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 768.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rees, Kevin, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975171 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Operations Receipt For: Aggregate Year-to-Date ▼ Primary General 864.00 Other (specify) 230.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 1158 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reeves, Timothy, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952570 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Reeves, Timothy, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973973 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Register, Mark, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950515 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Register, Mark, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974844 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reid, Paul, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950252 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reid, Paul, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974582 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 57.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reid, Ryan, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950852 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reid, Ryan, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974881 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 358.47 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reid, Samuel, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950653 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Software Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reid, Samuel, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975064 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Software Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reigel, Esther, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951179 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Opers Pgm Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Reigel, Esther, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973426 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Opers Pgm Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reilly, Pamela, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950273 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Supply Chain Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Reilly, Pamela, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974602 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reinberger, David, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952108 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reinberger, David, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973589 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reinert, Richard, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949501 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 280.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reinert, Richard, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975071 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 300.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1164 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reinke, Richard, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950685 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Bus Dev & Strategy Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reinke, Richard, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973097 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Bus Dev & Strategy Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reinl, Catherine, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952547 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 720.00 Other (specify) 145.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reinl, Catherine, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973950 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 765.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Reith, David, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950629 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP ERP** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reith, David, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1975040 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP ERP** Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 145.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Remington, Jeffrey, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953079 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Government Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Remington, Jeffrey, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972424 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Government Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Remington, Jonathan, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950283 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and Controller Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) 146.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Remington, Jonathan, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974612 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and Controller Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.55 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reoch, Tom, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951624 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reoch, Tom, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971867 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 173.09 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Resetar, Douglas, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950429 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Resetar, Douglas, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974758 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Resnik, Stanley, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952507 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 99.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Resnik, Stanley, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971249 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Retelle, Marilyn, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949742 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Engineer Industrial Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Retelle, Marilyn, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974059 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Engineer Industrial Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 57.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reyes, Tarik, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953600 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Business Development** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Reyes, Tarik, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971436 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1634.55 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Reynolds, Andrew, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951704 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Production Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) 288.45 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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fo D Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Reynolds, Andrew, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973537 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Production Operations** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.55 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Reynolds, Shaugnessy, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 80 2019 City State Zip Code Transaction ID: A2019-1952566 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Reynolds, Shaugnessy, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973969 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 176.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rice, Johnny, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952520 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Logistics Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.72 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Rice, Johnny, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971262 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Logistics Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1634.89 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Rich, Edward, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950497 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Cnsltng Engr RF Microwave Dsgn Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 232.34 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

SCHEDULE A (FEC Form 3X) FOR LINE NUMBER: PAGE 1173 OF Use separate schedule(s) (check only one) ITEMIZED RECEIPTS for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name

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Mailing Address 2980 Fairview Park Drive	08 23 2019						
City	State	Zip Code	Transaction ID : A2019-1974826				
Falls Church	VA	22042	Amount of Each Receipt this Period				
FEC ID number of contributing federal political committee.	С		40.00				
Name of Employer (for Individual)  Northrop Grumman Corporation		pation (for Individual) tng Engr RF Microwave Dsgn	Memo Item				
Receipt For:  Primary General  Other (specify) ▼	Aggregate \	Year-to-Date ▼ 680.00					
Full Name of Individual (Last, First, Middle In Richard, Patrick, K, ,	Date of Receipt						
Mailing Address 2980 Fairview Park Drive	Ta: ·	Terror de	08 09 2019				
City	State	Zip Code	Transaction ID : A2019-1950512				
Falls Church	VA	22042	Amount of Each Receipt this Period				
FEC ID number of contributing federal political committee.	С		20.00				
Name of Employer (for Individual) Northrop Grumman Corporation		pation (for Individual) Systems Engineering	Memo Item				
Receipt For:  Primary General  Other (specify) ▼	Aggregate \	Year-to-Date ▼ 320.00					
Full Name of Individual (Last, First, Middle In Richard, Patrick, K, ,	nitial) or Full Or	ganization Name	Date of Receipt				
Mailing Address 2980 Fairview Park Drive							
City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1974841				
FEC ID number of contributing federal political committee.	С		Amount of Each Receipt this Period  20.00				
Name of Employer (for Individual)  Northrop Grumman Corporation		pation (for Individual) Systems Engineering	Memo Item				
Receipt For: Primary General Other (specify)	Aggregate \	Year-to-Date ▼ 340.00					
SUBTOTAL of Receipts This Page (optional)		· · · · · · · · · · · · · · · · · · ·	80.00				
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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Richards, Donald, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950831 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Richards, Donald, F, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973242 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Richards, Robert, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949261 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Richards, Robert, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975175 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Business Development** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 450.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Richardson Scott, Candace, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952707 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Finance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Richardson Scott, Candace, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974214 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Finance Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Richter, Gary, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973941 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Rickey, Joshua, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951580 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 269.22 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Rickey, Joshua, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971822 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 288.45 Other (specify) 76.93 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rickle, Ann, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950545 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rickle, Ann, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973048 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rieckewald, Jared, E., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953126 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir CA and PTW Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 115.40 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rieckewald, Jared, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972472 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir CA and PTW Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Rigby, David, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953572 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Multiple Functions Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 624.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rigby, David, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973307 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Multiple Functions Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) 116.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Riippa, Nicholas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952795 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Riippa, Nicholas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974302 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Riles, Billy, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949552 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Production Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rinnert, Molly, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952248 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Rinnert, Molly, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973728 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Riple, Sonji, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951166 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Proposals Receipt For: Aggregate Year-to-Date ▼ Primary General 381.23 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Riple, Sonji, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973413 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Proposals Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 419.70 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Rist, Mark, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951266 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 616.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Rist, Mark, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971508 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) 115.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ristow, Paul, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953588 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ristow, Paul, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971424 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Rivers, Faith, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953379 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Quality Analyst** Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rivers, Faith, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972566 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Quality Analyst** Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rivers, Michael, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952551 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 46.16 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 738.56 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rivers, Michael, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973954 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 46.16 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 784.72 Other (specify) 132.32 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rivers, Thomas, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952333 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Opers Pgm Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rivers, Thomas, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973813 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Opers Pgm Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Robb, Jeffrey, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953396 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 597.50 Other (specify) 78.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Robb, Jeffrey, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972583 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 636.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Robb, William, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949952 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Robb, William, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973897 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 115.42 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Roberg, Rock, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951581 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Roberg, Rock, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971823 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Roberts, Pamela, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950054 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir EEO and Diversity Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 126.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Robinson, Alec, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949266 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Advanced Tech Devel Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Robinson, Alec, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975180 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 10.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Advanced Tech Devel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 330.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Robinson, John, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949969 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Robinson, John, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973913 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Robinson, Kenneth, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952515 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP** Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 616.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Robinson, Kenneth, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971257 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP** Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) 117.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Robinson, Robert, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952225 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Robinson, Robert, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973705 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Robinson, Scot, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950523 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineering Design Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Robinson, Scot, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973025 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineering Design Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Robison, Brett, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1950877 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Engr Sys Architec Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Robison, Brett, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974906 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Engr Sys Architec Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rocha, Jeffrey, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953042 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rocha, Jeffrey, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972386 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Rodgers, Donald, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952791 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 720.00 Other (specify) 121.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rodgers, Donald, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974298 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 765.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Roeder, Roshan, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950814 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1538.72 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Roeder, Roshan, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973225 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.89 Other (specify) 237.34 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Roediger, Henry, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972079 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Facilities Maintenance Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 211.53 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Rogers, Kathleen, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950029 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Configuration Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rogers, Kathleen, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972638 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Configuration Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Romano, Salvatore, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950067 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Romano, Salvatore, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972677 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Romesser, Michael, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952033 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 115.39 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rondeau, Robert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950212 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 676.80 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Rondeau, Robert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974542 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 719.10 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Roper, Scott, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951141 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 103.83 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Roper, Scott, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973388 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rosato, Salvatore, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950013 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Budgeting Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rosato, Salvatore, N., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972622 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Budgeting Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rosenblatt, Raymond, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949867 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Prncpl Engr Embedded S/W Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Rosenblatt, Raymond, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972831 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Engr Embedded S/W Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ross, Richard, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949513 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 535.67 Other (specify) 118.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ross, Richard, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975083 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 574.14 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rossi, Mark, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950593 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rossi, Mark, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974957 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 115.39 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Roth, Daniel, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950509 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Roth, Daniel, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974838 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rovnack, George, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950393 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rovnack, George, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974721 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Rowley, L, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949462 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rowley, L, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973263 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1205 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Roy, Brian, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949715 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Roy, Brian, S, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974033 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Rubcic, Peter, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1951613 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 76.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1206 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rubcic, Peter, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971855 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Rubi, Henoch, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953094 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Rubi, Henoch, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972439 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.40 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1207 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ruby, Stacy, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952934 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ruby, Stacy, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974443 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ruggles, Allen, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1951203 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ruggles, Allen, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973450 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Rundle, David, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952629 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electrical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 519.65 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rundle, David, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974139 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electrical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 558.15 Other (specify) 117.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1209 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rush, Mark, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952563 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mar Security Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Rush, Mark, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973966 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Security Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Rusiewski, Gary, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953359 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Staffing Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 88.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Rusiewski, Gary, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971090 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Staffing Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Russell, John, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951634 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp Dir Division Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Russell, John, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971877 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corp Dir Division Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 118.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for eac Detailed Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Russo, Richard, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950198 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Russo, Richard, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974528 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ruziecki, Donald, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1951992 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 730.82 Other (specify) 130.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ruziecki, Donald, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972299 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 769.29 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ryan, Stephen, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952364 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ryan, Stephen, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971107 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 118.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1213 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sakamoto, Steven, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953289 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Sakamoto, Steven, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971021 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Salafia, John, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949595 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) 78.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Salafia, John, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971945 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Saleh, Zaki, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952922 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Saleh, Zaki, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974431 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.44 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Salgado, Juan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952287 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Salgado, Juan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1973767 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Salisbury, David, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949905 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 76.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

# ITEMIZED RECEIPTS

SCHEDULE A (FEC Form 3X) FOR LINE NUMBER: PAGE 1216 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Salisbury, David, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973327 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. San Miguel, Elizabeth, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952055 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. San Miguel, Elizabeth, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971932 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing

C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... FEC Schedule A (Form 3X) Rev. 06/2016

#### SCHEDULE A (FEC Form 3X) ITEMIZE

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or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sanchez, Robert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953001 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Sanchez, Robert, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974511 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sanders, Daryl, K., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949570 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Opers Pgm Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 69.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

FOR LINE NUMBER: PAGE 1218 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sanders, Daryl, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974880 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Opers Pgm Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Sanders, Jon, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953399 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Prncpl Supply Chain Plng Spec Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 240.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Sanders, Jon, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972586 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Prncpl Supply Chain Plng Spec Receipt For: Aggregate Year-to-Date ▼ Primary General 255.00 Other (specify)

SUBTOTAL of Receipts This Page (optional).....

TOTAL This Period (last page this line number only).....

FEC Schedule A (Form 3X) Rev. 06/2016

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sanders, William, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951133 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 43.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 688.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sanders, William, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973380 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 43.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Communications Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 731.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sanderson, Barbara, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949771 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 106.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sanderson, Barbara, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974088 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Sanfilippo, Giuseppe, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952022 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sanfilippo, Giuseppe, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971901 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sanneman, Paul, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975187 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 225.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Santos, Roberto, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949773 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Santos, Roberto, C., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1974090 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Occupation (for Individual) Name of Employer (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional).....

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sanyal, Malini, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953010 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sanyal, Malini, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972354 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sapp, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953002 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 312.00 Other (specify) 96.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sapp, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974512 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 331.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Saracino, Thomas, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950223 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Saracino, Thomas, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974553 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 59.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sarkozy, Stephen, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951745 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Sarkozy, Stephen, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972053 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Sarnello, Joseph, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951146 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sarnello, Joseph, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973393 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sassman, Steven, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949988 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sassman, Steven, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973932 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Saterlie, Steven, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951412 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engr Sys Architect Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Saterlie, Steven, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971654 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engr Sys Architect Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sathoff, J, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951137 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sathoff, J, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973384 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Saulsberry, Andre, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949756 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 249.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Saulsberry, Andre, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974073 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 269.22 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Saxon, Christina, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952578 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Saxon, Christina, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973981 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sayeed, Mohammad, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952929 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Software Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sayeed, Mohammad, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974438 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Software Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Scala, Thomas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951070 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Product Support Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Scala, Thomas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971399 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Product Support Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Scalice, Michael, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950035 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Scalice, Michael, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972644 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Scanlon, Rita, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950738 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 96.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Scanlon, Rita, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973150 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Scarborough, Lisa, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1949497 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Scarborough, Lisa, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1973298 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 57.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Scarpella, Michelle, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951495 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and General Manager Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Scarpella, Michelle, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971737 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Scattergood, Virginia, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953021 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Government Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Scattergood, Virginia, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972365 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Government Affairs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schaefer, Andrew, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949540 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Schaefer, Andrew, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974851 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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	y information copied from such Reports and for commercial purposes, other than using the			rson for the purpose of soliciting contributions to solicit contributions from such committee.				
$\rangle$	NAME OF COMMITTEE (In Full) Employees of Northrop Grumm	an Corpor	ation PAC					
Α.	Full Name of Individual (Last, First, Middle In Schantz, Christopher, , ,  Mailing Address 2980 Fairview Park Drive	Date of Receipt						
		08 09 2019						
	City	State	Zip Code	Transaction ID : A2019-1950494				
	Falls Church	VA	22042	Amount of Each Receipt this Period				
	FEC ID number of contributing federal political committee.	С		20.00				
	Name of Employer (for Individual)  Northrop Grumman Corporation		oation (for Individual) Programs	Memo Item				
	Receipt For:  Primary General  Other (specify) ▼	Aggregate Y	rear-to-Date ▼ 320.00					
В.	Full Name of Individual (Last, First, Middle In Schantz, Christopher, , ,  Mailing Address 2980 Fairview Park Drive	Date of Receipt						
				08 23 2019				
	City	State	Zip Code	Transaction ID : A2019-1974823				
	Falls Church	VA	22042	Amount of Each Receipt this Period				
	FEC ID number of contributing federal political committee.	20.00						
	Name of Employer (for Individual) Northrop Grumman Corporation		pation (for Individual) Programs	Memo Item				
	Receipt For:  Primary General  Other (specify) ▼							
<u>—</u>	Full Name of Individual (Last, First, Middle In Schatz, David, E, ,	Date of Receipt						
	Mailing Address 2980 Fairview Park Drive	08 09 2019						
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1953413  Amount of Each Receipt this Period				
	FEC ID number of contributing federal political committee.	C		45.00				
	Name of Employer (for Individual) Northrop Grumman Corporation		oation (for Individual) Subcontracts Admin	Memo Item				
	Receipt For: Primary General	Aggregate Y	∕ear-to-Date ▼					
	Other (specify)	720.00						
H	UBTOTAL of Receipts This Page (optional)  OTAL This Period (last page this line number		<u> </u>	85.00				

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schatz, David, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972600 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 765.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schauwecker, Chris, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951140 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Schauwecker, Chris, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973387 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 125.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schei, Rachel, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951409 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schei, Rachel, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1971651 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 510.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Scheitler, Mark, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1951150 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 98.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Scheitler, Mark, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973397 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Scheuer, Donald, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949976 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 578.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Scheuer, Donald, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1973920 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 617.05 Other (specify) 115.40 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schlakman, Jo Anne, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972643 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schlegel, John, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950732 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Schlegel, John, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973144 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schmuttermair, George, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949648 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schmuttermair, George, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971999 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Schneickert, George, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1951482 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schneickert, George, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971724 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schoch, Karl, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950132 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Schoch, Karl, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972967 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schoeller, Kenneth, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949977 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Schoeller, Kenneth, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973921 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Schofield, Ann, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953552 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 115.38 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schofield, Ann, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971466 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Systems Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Scholten, Eric, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951694 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and Controller Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Scholten, Eric, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973527 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and Controller Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schovel, Michael, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949778 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.24 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.84 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schovel, Michael, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974095 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.24 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 327.08 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Schrage, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950719 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 78.48 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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PAGE 1245 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 14 13 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schrage, Mark, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973131 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Contract Admin Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schramke, Richard, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950882 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Schramke, Richard, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974911 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 1246 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schuler, Ann, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951806 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schuler, Ann, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972114 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Schulman, Ted, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952037 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 1247 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schulman, Ted,,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971915 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schulz, Paul, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1950947 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Schulz, Paul, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971277 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Occupation (for Individual) Name of Employer (for Individual) Northrop Grumman Corporation Consulting Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schumann, Victoria, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949280 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Supply Chain Management Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Schumann, Victoria, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975194 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Supply Chain Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 900.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Schuster, Joseph, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950473 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 238.46 SUBTOTAL of Receipts This Page (optional).....

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FOR LINE NUMBER: PAGE 1249 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schuster, Joseph, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974802 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Schutte, Kenny, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951730 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Schutte, Kenny, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972038 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.40 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1250 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schwarz, Stephen, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950888 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 720.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Schwarz, Stephen, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974917 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 765.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Schwatka, Elizabeth, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1950792 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Communications** Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1251 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Schwatka, Elizabeth, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973204 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Scott, Daniel, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950125 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and CIO Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Scott, Daniel, L., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972960 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and CIO Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 130.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1252 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Scott, John, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949281 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 153.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation IS Law Department Receipt For: Aggregate Year-to-Date ▼ Primary General 1224.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Scott, John, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975195 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 153.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation IS Law Department Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1377.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Scott, Justin, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952266 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 327.99 Other (specify) 344.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: (check only one) **X** 11a 11b 11c

PAGE 1253 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Scott, Justin, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973746 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mfg Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 366.49 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Scott, Teri, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953134 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Scott, Teri, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1972480 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 78.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: **PAGE 1254 OF** Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Scovell, Tierre, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953290 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Scovell, Tierre, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971022 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Scow, Robert, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951766 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 249.99 Other (specify) 96.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_\_

FOR LINE NUMBER: PAGE 1255 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Scow, Robert, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972074 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 269.22 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Screven, Harold, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949989 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Tech Support Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Screven, Harold, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973933 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Tech Support Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1256 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Seay, Paul, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950784 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 46.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Cnsltng Info Sys Tech Analyst Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 736.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Seay, Paul, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973196 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 46.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Cnsltng Info Sys Tech Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 782.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Segal, Matthew, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953605 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 57.70 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 923.20 Other (specify) 149.70 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Segal, Matthew, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971441 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 57.70 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 980.90 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Seifert, John, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950935 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Seifert, John, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1975001 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 97.70 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Seipel, Robert, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952712 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 240.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Seipel, Robert, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974219 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 255.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Seitz, Daniel, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951043 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 50.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sesto, Paul, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950447 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 240.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sesto, Paul, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974776 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 255.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Setiyawan, Wibowo, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951424 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Enterprise Wide Apps Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 68.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Setiyawan, Wibowo, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971666 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Enterprise Wide Apps Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Severn, Daniel, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950491 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 616.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Severn, Daniel, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1974820 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Business Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) 115.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Severn, Glenn, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950563 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Severn, Glenn, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973066 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Shad, Naveed, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949285 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shad, Naveed, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975199 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 346.14 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Shaffer, Douglas, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950432 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1538.40 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Shaffer, Douglas, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974761 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.55 Other (specify) 230.76 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shafie, Dana, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950385 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Shafie, Dana, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974713 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Shah, Rahul, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952386 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 676.80 Other (specify) 142.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shah, Rahul, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971128 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.30 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 719.10 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Shaibani, Sanan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952423 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Shaibani, Sanan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971165 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 82.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sharp, Kenneth, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972867 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and CFO Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Sharp, Raymond, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1950767 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 499.98 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Sharp, Raymond, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973179 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 538.44 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shaw, Kenneth, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951907 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engr Sys Architect Receipt For: Aggregate Year-to-Date ▼ Primary General 352.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Shaw, Kenneth, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972215 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engr Sys Architect Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 374.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Shaw, Lee, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950332 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 94.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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FOR LINE NUMBER: PAGE 1272 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shea, Elizabeth, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950651 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Human Resources Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Shea, Elizabeth, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975062 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Shea, John, E, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950298 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) 176.15 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shea, John, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974627 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Business Management** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.55 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Shedlick, Edward, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950197 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Contracts and Pricing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Shedlick, Edward, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974527 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Contracts and Pricing Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 196.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sheedy, Edward, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950155 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Sheedy, Edward, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972989 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Shepherd, Michael, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953029 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 192.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 2804.00 Other (specify) 272.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shepherd, Michael, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972373 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 192.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 2996.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sherwin, Marc, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950129 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sherwin, Marc, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972964 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 272.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shifflett, Frank, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950787 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Shifflett, Frank, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973199 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Shinagawa, Jeffrey, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951922 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

# SCHEDULE A (FEC Form 3X) IT

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ITEMIZED RECEIPTS	Use separate schedule(s) for each category of the Detailed Summary Page	` —	ck only	or	ne) ] 11b	11c	12	
			13		14	15	16	17
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	3							
	NAME OF COMMITTEE (In Full) Employees of Northrop Grummar	n Corpora	tion PAC					
Α.	Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shinagawa, Jeffrey, S, ,  Mailing Address 2980 Fairview Park Drive			Date of Receipt				
	City Falls Church	State VA	Zip Code 22042	08 23 2019  Transaction ID : A2019-1972229  Amount of Each Receipt this Period				
	FEC ID number of contributing federal political committee.	С		20.00				
	Name of Employer (for Individual)  Northrop Grumman Corporation  Receipt For:		ation (for Individual) agineering	Memo Item				
	Primary General Other (specify) ▼		340.00					
В.	Full Name of Individual (Last, First, Middle Initia Shook, Taylor, , ,  Mailing Address 2980 Fairview Park Drive	·						
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1953012  Amount of Each Receipt this Period				
	FEC ID number of contributing federal political committee.	C		38.47				
	Name of Employer (for Individual) Northrop Grumman Corporation  Receipt For:	Princip	ation (for Individual) pal Project Management	Memo Item				
	Primary General Other (specify) ▼	Aggregate Ye	ar-to-Date ▼ 269.29					
c.	Full Name of Individual (Last, First, Middle Initia Shook, Taylor, , ,	l) or Full Orga	anization Name	Date of Receipt				
	Mailing Address 2980 Fairview Park Drive  City	State	Zip Code	08 23 2019 Transaction ID : A2019-1972356				
	Falls Church	VA	22042	Amount of Each Receipt this Period				
	FEC ID number of contributing federal political committee.	C		38.47				
	Name of Employer (for Individual)  Northrop Grumman Corporation  Receipt For:	Principa	ation (for Individual) al Project Management	Memo Item				
	Primary General Other (specify)	Aggregate Ye	ar-to-Date ▼ 307.76					
S	UBTOTAL of Receipts This Page (optional)		<b>&gt;</b>	96.94				
Т	OTAL This Period (last page this line number on	ly)	<b>&gt;</b>					

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shore, Howard, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949288 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Shore, Howard, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975202 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 360.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Shotwell, Jennifer, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1952380 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 118.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shotwell, Jennifer, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971122 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Showalter, Lynne, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952062 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff S/W Development Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Showalter, Lynne, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971939 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff S/W Development Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 76.93 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 1280 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shriver, Robert, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951949 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Shriver, Robert, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972256 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Shumpert, John, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951268 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Hardware Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Shumpert, John, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971510 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Hardware Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sicard, Glenn, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950905 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Staff Engr Embedded S/W Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sicard, Glenn, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974971 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Staff Engr Embedded S/W Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sicardi, Peter, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950224 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Supply Chain Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Sicardi, Peter, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974554 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 663.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Siddiqui, Mansoor, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951984 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) 108.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Siddiqui, Mansoor, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972291 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 510.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sidor, John, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951139 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sidor, John, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973386 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 110.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Siegal, Howard, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951148 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Pricing Cost Estimating Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Siegal, Howard, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973395 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Siggins, Olga, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949289 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation IS Law Department Receipt For: Aggregate Year-to-Date ▼ Primary General 464.00 Other (specify) 138.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1285 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Siggins, Olga, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975203 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation IS Law Department Receipt For: Aggregate Year-to-Date ▼ Primary General 522.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Silkaitis, John, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951114 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Embedded Sftwre Eng Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Silkaitis, John, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973361 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Embedded Sftwre Eng Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 96.46 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Silvia, John, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952697 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Silvia, John, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974204 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Simer, Gregory, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1950320 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1250.17 Other (specify) 134.63 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Simer, Gregory, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974649 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1346.34 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Simerly, Carolyn, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951489 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Contract Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Simerly, Carolyn, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971731 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Contract Administrator Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 146.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Simmons, Debra, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951914 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1280.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Simmons, Debra, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972222 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1360.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Simoni, Martin, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950770 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 210.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Simons, Carrie, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952144 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Simons, Carrie, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973625 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Simpson, James, K., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952529 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Simpson, James, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973849 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Simpson, Kathryn, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953080 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Deputy General Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1538.40 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Simpson, Kathryn, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972425 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Deputy General Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.55 Other (specify) 217.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sinclair, Armond, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953172 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sinclair, Armond, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972519 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sinden, James, V., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952340 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 27.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 278.00 Other (specify) 104.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sinden, James, V, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973820 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 27.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 305.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sinsheimer, Jeanne, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949626 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 480.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sinsheimer, Jeanne, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971977 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engr Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 510.00 Other (specify) 87.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sit, Maria, I, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952255 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Industrial Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sit, Maria, I, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973735 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Industrial Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 663.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sivo, Brett, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950313 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 116.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sivo, Brett, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974642 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Skaddan, Raymond, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949889 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation PATH Eng Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 480.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Skaddan, Raymond, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972853 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation PATH Eng Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 520.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Skinner, Richard, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952516 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Skinner, Richard, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971258 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Skinner, Walter, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953139 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) 136.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Skinner, Walter, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972485 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.55 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Skora, Thomas, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950269 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 52.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engr Embedded S/W Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 825.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Skora, Thomas, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974598 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 52.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engr Embedded S/W Receipt For: Aggregate Year-to-Date ▼ Primary General 877.00 Other (specify) 200.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Slaughter, John, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975207 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 153.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1377.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Slavin, David, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949576 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Engr Mcrelec Smcdctr Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Slavin, David, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973562 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Engr Mcrelec Smcdctr Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 253.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Slemon, Gail, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952188 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineer Digital Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Slemon, Gail, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973669 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineer Digital Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Slivers, Katherine, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1950908 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Cyber Software Engrng Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 88.47 SUBTOTAL of Receipts This Page (optional).....

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	NAME OF COMMITTEE (In Full) Employees of Northrop Grumma	n Corpora	ation PAC				
Α.	Full Name of Individual (Last, First, Middle Initial Slivers, Katherine, A, ,	Date of Receipt					
	Mailing Address 2980 Fairview Park Drive	Otata	7:n Oada	08 23 2019			
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1974974  Amount of Each Receipt this Period			
	FEC ID number of contributing federal political committee.	С		38.47			
	Name of Employer (for Individual)  Northrop Grumman Corporation  Receipt For:	Dir Cy	ation (for Individual) ber Software Engrng	Memo Item			
	Primary General Other (specify) ▼	Aggregate Ye	ear-to-Date ▼				
В.	Full Name of Individual (Last, First, Middle Initian Smalley, Steve, M, ,  Mailing Address 2980 Fairview Park Drive	al) or Full Org	anization Name	Date of Receipt			
	City	State	Zip Code	08 09 2019  Transaction ID : A2019-1950461			
	Falls Church  FEC ID number of contributing federal political committee.	C	22042	Amount of Each Receipt this Period  22.00			
	Name of Employer (for Individual) Northrop Grumman Corporation		ation (for Individual) aff Engr Mfg	Memo Item			
	Receipt For:  Primary General  Other (specify) ▼	Aggregate Ye	ear-to-Date ▼ 352,00				
<u>_</u>	Full Name of Individual (Last, First, Middle Initial Smalley, Steve, M, ,	al) or Full Org	anization Name	Date of Receipt			
0.	Mailing Address 2980 Fairview Park Drive			08 / 23 / 2019			
	City Falls Church	State VA	Zip Code 22042	Transaction ID : A2019-1974790  Amount of Each Receipt this Period			
	FEC ID number of contributing federal political committee.	С		22.00			
	Name of Employer (for Individual)  Northrop Grumman Corporation  Receipt For:	Sr Staf	ation (for Individual) ff Engr Mfg	Memo Item			
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Smith, Curtis, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972319 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Smith, Daniel, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952622 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 384.70 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Smith, Daniel, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1974132 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 423.17 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Smith, Donald, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950582 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 750.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Smith, Donald, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974946 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Smith, James, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951562 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Business Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 138.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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PAGE 1306 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Smith, Jonathan, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949297 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Dir Finance Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Smith, Jonathan, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975211 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Finance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 450.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Smith, Josiah, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952298 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Process Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 504.70 Other (specify) 138.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Smith, Josiah, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973778 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Process Manufacturing Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 543.17 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Smith, Lauri, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950716 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 730.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Smith, Lauri, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973128 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 780.00 Other (specify) 138.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Smith, M. Elaine, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973243 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Smith, Melody, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952841 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Smith, Melody, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974348 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Smith, Michael, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950712 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Prncpl Computer Sys Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Smith, Michael, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973124 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Prncpl Computer Sys Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Smith, Randy, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951948 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Electronics Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Smith, Randy, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972255 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Electronics Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Smith, Rene, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950906 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1540.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Smith, Rene, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974972 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1640.00 Other (specify) 220.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Smith, Roddey, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950839 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Smith, Roddey, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973250 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Smith, Rolena, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951296 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Enterprise Wide Apps Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 76.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Smith, Rolena, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971538 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Enterprise Wide Apps Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Smith, Scott, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951743 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 480.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Smith, Scott, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972051 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General 510.00 Other (specify) 98.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Smith, Tyrrel, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952125 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Smith, Tyrrel, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973606 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Smith, William, V., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951533 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 275.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Smith, William, V,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971775 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 300.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Smithley, Raina, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952845 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Smithley, Raina, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974352 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 101.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Snedigar, Todd, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951700 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Snedigar, Todd, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973533 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Snell, David, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950621 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Snell, David, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975032 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Snodgrass, Brian, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952850 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Snodgrass, Brian, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974357 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Snyder, Donald, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950969 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engr Embedded S/W Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 350.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Snyder, Donald, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971299 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engr Embedded S/W Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 375.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Snyder, Sheppard, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950589 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 69.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Snyder, Sheppard, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974953 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Staff Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Sokoloski, Robin, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950465 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Sokoloski, Robin, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974794 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 119.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Solberg, Eric, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952437 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Principal Info Sys Proj Mgr Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Solberg, Eric, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971179 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Info Sys Proj Mgr Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Solomon, Margaret, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950383 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 96.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Solomon, Margaret, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974711 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Solti, Henry, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953350 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 28.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Engineer Software Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 448.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Solti, Henry, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971082 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 28.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Engineer Software Receipt For: Aggregate Year-to-Date ▼ Primary General 476.00 Other (specify) 75.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sommer, Scott, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951938 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Budgeting Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sommer, Scott, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972245 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Budgeting Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 663.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sommers, William, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951295 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 128.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sommers, William, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971537 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Soni, Aunali, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952593 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Soni, Aunali, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973996 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sorensen, Trent, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952860 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Env Health Safety Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Sorensen, Trent, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974368 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Env Health Safety Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sorgaard, Duane, C., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951404 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 350.00 Other (specify) 127.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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PAGE 1325 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sorgaard, Duane, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971646 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Consulting Chief Engineer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Souter, Lakeisha, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952233 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Call Center Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Souter, Lakeisha, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973713 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Call Center Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 88.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Soverns, Kelly, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952933 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Soverns, Kelly, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974442 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sozio, John, C., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950572 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Electrical Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Spause, Paul, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952499 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Staff Engineer Electronics Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Spause, Paul, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971241 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Electronics Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Speaker, David, C., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952839 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Structural Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Speaker, David, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974346 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engineer Structural Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Speight, William, X, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951539 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Speight, William, X, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971781 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Spitser, Timothy, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952943 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Spitser, Timothy, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974452 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Sprinkle, Tamara, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952894 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Intl Trd Cmplnc Anls Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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Sprinkle, Tamar	idual (Last, First, Middle Initia a, , , 980 Fairview Park Drive	al) or Full Orga	anization Name		Date of Receipt					
City		State	Zip Code	_	08 23 2019  Transaction ID : A2019-1974403					
Falls Church		VA	22042		Amount of Each Receipt this Period					
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Name of Employer  Northrop Grumman  Receipt For:  Primary  Other (specif	Corporation  General	'	ation (for Individual)  cpl Intl Trd CmpInc AnIs  ar-to-Date ▼  850.00		Memo Item					
3. Spruill, Jerry, I	idual (Last, First, Middle Initia _, , 080 Fairview Park Drive	al) or Full Orga	anization Name	M	te of Receipt  08 09 2019					
City Falls Church		State VA	Zip Code 22042	Tı	ransaction ID : A2019-1950799 ount of Each Receipt this Period					
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Receipt For: Primary Other (specification)	General y) ▼	Aggregate Ye	ar-to-Date ▼ 720.00							
Full Name of Indivi	idual (Last, First, Middle Initia	al) or Full Orga	anization Name	Da	te of Receipt					
Mailing Address 29	980 Fairview Park Drive				08 23 2019					
City Falls Church		State VA	Zip Code 22042		ransaction ID : A2019-1973211 ount of Each Receipt this Period					
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Name of Employer Northrop Grumman	,	1 .	ation (for Individual) iness Development		Memo Item					
Receipt For: Primary Other (specif	General y)	Aggregate Ye	ar-to-Date ▼ 765.00							
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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Squires, Ronald, S, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952149 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Squires, Ronald, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973630 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Squires, Stephen, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951585 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 720.00 Other (specify) 121.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Squires, Stephen, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971827 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 765.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** St Clair, Robin, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951953 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1600.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. St Clair, Robin, K, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1972260 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Mission Assurance Receipt For: Aggregate Year-to-Date ▼ Primary General 1700.00 Other (specify) 245.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1334 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stack, David, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950000 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Stack, David, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973944 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Stahl, Thomas, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1952070 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 118.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stahl, Thomas, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972330 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stanjevich, Laura, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950960 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Stanjevich, Laura, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1971290 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 88.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stankovich, Gary, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952982 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr EHS Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Stankovich, Gary, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974491 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr EHS Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Stanley, James, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950305 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 76.93 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stanley, James, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974634 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Stapel, Linda, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952481 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Prncpl Prod Plng and Scheduler Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Stapel, Linda, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971223 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Prncpl Prod Plng and Scheduler Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stapp, Richard, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953223 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Research Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Stapp, Richard, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1970955 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Research Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1634.55 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Stavropoulos, Thomas, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953546 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 217.30 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stavropoulos, Thomas, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971460 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stecher, William, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950024 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Electro Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Stecher, William, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972633 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Electro Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stellman, Bradley, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952691 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Prncpl Supl Chn Prcrmt Spec Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Stellman, Bradley, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974198 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Supl Chn Prcrmt Spec Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Stellner, Mark, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952636 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) 78.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stellner, Mark, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974146 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Supply Chain Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Stenzel, Peter, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950895 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Stenzel, Peter, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974924 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.44 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stephan, Donald, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950079 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Engr Mech Equip Dsgn Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stephan, Donald, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972689 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engr Mech Equip Dsgn Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Stephens, Edward, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951036 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 76.92 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stephens, Edward, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971365 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Sterk, Kenneth, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951823 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Sterk, Kenneth, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972131 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stets, William, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953301 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Eng Supplier Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Stets, William, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971033 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Eng Supplier Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Stevens, Lauren, I, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951795 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Production Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 115.38 SUBTOTAL of Receipts This Page (optional).....

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Full Name of Individual (Last, First, Middle In Steward, Kevin, A, ,	nitial) or Full Orga	anization Name	Date of Receipt
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City	State	Zip Code	Transaction ID : A2019-1972704
Falls Church	VA	22042	Amount of Each Receipt this Period
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stewart, Christopher, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1953380 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Prncpl Logistics Mgmt Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stewart, Christopher, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972567 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Prncpl Logistics Mgmt Anlyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Stewart, Scott, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949899 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stewart, Scott, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973321 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Govt Marketing Sales Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stiebel, Walter, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952124 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 616.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Stiebel, Walter, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973605 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) 115.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stinson, Jon, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952591 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Stinson, Jon, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973994 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Stirn, Kimberly, A., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1950898 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Cyber Systems Engrng Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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PAGE 1350 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stone, Patricia, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949785 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Supply Chain Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.72 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stone, Patricia, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974102 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1634.89 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Storrs, Eamon, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952830 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) 222.34 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Storrs, Eamon, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974337 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 510.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Story, Elizabeth, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951301 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Story, Elizabeth, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971543 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 106.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Straehla, Michael, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949568 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Program Planning Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Straehla, Michael, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974878 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Straka, Richard, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949307 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 153.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General 1224.00 Other (specify) 191.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Straka, Richard, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975221 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 153.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP General Manager Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1377.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Strattan, Barry, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951337 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Strattan, Barry, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1971580 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 253.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stratton, Robert, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949308 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stratton, Robert, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975222 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 360.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Straup, Matthew, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1950390 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Straup, Matthew, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974718 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Strausbaugh, Patrick, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950859 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 360.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Strausbaugh, Patrick, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974888 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Street, Carol, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952459 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Street, Carol, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971201 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Stripinis, Jason, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1949920 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 240.00 Other (specify) 55.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stripinis, Jason, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973864 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 15.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Chief Engineer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 255.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Stuhlfire, John, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953274 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Stuhlfire, John, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971006 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 115.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Stutz, Jeffrey, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972866 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 663.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sudhoff, Kevin, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951254 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Sudhoff, Kevin, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971496 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 79.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Suh, Daniel, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973690 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Sullivan, Richard, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951333 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Sullivan, Richard, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971576 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 138.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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SCHEDULE A (FEC Form 3X) FOR LINE NUMBER: PAGE 1362 OF Use separate schedule(s) (check only one) ITEMIZED RECEIPTS for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sullivan, Stephen, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950428 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and General Manager Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Sullivan, Stephen, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 80 2019 City State Zip Code Transaction ID: A2019-1974757 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1634.55

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Mailing Address 2980 Fairview Park Drive			08 09 / Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Sulyma, Alexis, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974643 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 1.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 263.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Summers, Paul, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950887 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Summers, Paul, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974916 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 41.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Suty, James, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951627 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Suty, James, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971870 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Swain, Anthony, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953217 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 127.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Swain, Anthony, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1970949 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Swoish, Douglas, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951239 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 55.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 880.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Swoish, Douglas, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971481 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 55.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 935.00 Other (specify) 160.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Szakovits, Jean, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952509 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Szakovits, Jean, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971251 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Szallay, Todd, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1952272 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 118.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Szymczak, Raymond, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950415 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Chief Engineer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Szymczak, Raymond, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974744 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tack, Thomas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953004 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1240.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tack, Thomas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974514 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 80.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Tacka, Robert, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950507 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tacka, Robert, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974836 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 156.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Takahashi, Joanne, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951750 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Takahashi, Joanne, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972058 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Taksa, Juston, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950813 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Structural Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tallie, Diana, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972281 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Principal HR Business Ptnr Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tamm, Regina, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951129 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tamm, Regina, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973376 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tang, Marc, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951968 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tang, Marc, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972275 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Taniguchi, Kyle, K, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949635 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Taniguchi, Kyle, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971986 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tankersley, Deborah, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950923 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tankersley, Deborah, L., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974989 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 96.15 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tanner, John, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949313 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Tanner, John, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1975227 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 360.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tarlton, Michael, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953074 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tarlton, Michael, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972419 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Taylor, Christopher, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951858 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 230.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Taylor, Christopher, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972166 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 269.29 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Taylor, Michael, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974292 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Supply Chain Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Taylor, Randall, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953154 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Industrial Security Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Taylor, Randall, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972501 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Industrial Security Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Taylor, Zachary, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952985 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 520.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Taylor, Zachary, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974494 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 560.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tazartes, Daniel, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952464 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 118.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tazartes, Daniel, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971206 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Teed, Timothy, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953451 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Tech Svcs Proj Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 405.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Teed, Timothy, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972737 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 45.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Tech Svcs Proj Mgmt Receipt For: Aggregate Year-to-Date ▼ Primary General 450.00 Other (specify) 128.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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PAGE 1385 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Telford, Clifford, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950683 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 200.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 3000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Telford, Clifford, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973095 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 200.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 3200.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Terry, Darby, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950566 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 76.94 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1009.40 Other (specify) 476.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Terry, Darby, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974930 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 76.94 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1086.34 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. TerWee, Terry, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951425 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 346.23 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. TerWee, Terry, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971667 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 384.70 Other (specify) 153.88 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tessier, Jewell, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950962 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1163.46 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Tessier, Jewell, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971292 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1238.46 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tetreault, Mary, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1951708 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Pgm Plng Scheduling Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 170.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tetreault, Mary, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973541 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Pgm Plng Scheduling Analyst Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Teufel, Paul, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950062 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Teufel, Paul, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972672 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Theodore, Kimon, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973452 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Thomas, Jack, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953312 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Thomas, Jack, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971043 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Thomas, James, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949318 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Dir. IS Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 299.29 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Thomas, James, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975232 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Dir. IS Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 337.76 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Thomas, John, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1950880 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 115.40 SUBTOTAL of Receipts This Page (optional).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Thomas, John, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974909 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Thomas, Kelly, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949517 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Thomas, Kelly, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1975087 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Thomas, Simone, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971595 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Human Resources Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 461.64 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Thomas, Teresa, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975088 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 12.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 204.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Thompson, Charles, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950622 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 100.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Thompson, Kristen, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950295 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Human Resources Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Thompson, Kristen, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974624 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Human Resources Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Thompson, Mark, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950976 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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Use separate schedule(s) for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Thompson, Mark, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971306 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Thompson, Marvin, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952963 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Thompson, Marvin, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1974472 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Thompson, Valis, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 09 City Zip Code State Transaction ID: A2019-1953494 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Facilities Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 500.11 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Thompson, Valis, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972889 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Facilities Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 538.58 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Thompson, William, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950959 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 115.40 SUBTOTAL of Receipts This Page (optional).....

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City Falls Church	State   VA	Zip Code 22042				action ID : /								
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Thomson, Brent, H, ,				_	Date of	Receipt								
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Mailing Address 2980 Fairview Park Drive					M = M 08	/ 23		2019						
City	State	Zip Code			Transa	action ID :	A2019-197	71782						
Falls Church	VA	22042			Amount	of Each Re	eceipt this	Period						
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FOR LINE NUMBER: PAGE 1400 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Thornton, John, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950387 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.55 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 616.80 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Thornton, John, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974715 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.55 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General

Other (specify) ▼ 655.35 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Thornton, Mark, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1951282 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 115.56 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Thornton, Mark, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971524 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Thousand, Connie, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951230 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Thousand, Connie, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973476 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Corporate Counsel Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 88.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1402 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Thurnherr, Bryan, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950131 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Thurnherr, Bryan, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972966 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tierney, C, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951053 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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fo D Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tierney, C, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971382 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tiet, Tri, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950851 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tiet, Tri, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973262 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional).....

FOR LINE NUMBER: **PAGE 1404 OF** Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tiller, Lawrence, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951887 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Multiple Functions Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tiller, Lawrence, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972195 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Multiple Functions Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tilson, Scott, E., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974874 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 12.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 204.00 Other (specify) 112.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Use separate schedule(s) for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tinsley, John, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950785 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Env Health Safety Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Tinsley, John, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973197 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Env Health Safety Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tintner, Ryan, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951391 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) SI

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tintner, Ryan, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971633 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Tirabassi, Maria, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951569 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP** Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tirabassi, Maria, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1971810 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP** Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 115.38 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tobin, Jack, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951796 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tobin, Jack, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972104 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Todas, Robert, I, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953326 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Staffing Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 76.93 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Todas, Robert, I,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971058 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Staffing Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Todorov, Kenneth, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953344 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Todorov, Kenneth, E, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971076 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.41 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1409 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tokashiki, Karen, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951709 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tokashiki, Karen, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973542 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Toland, Brent, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1951120 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.72 Other (specify) 176.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Toland, Brent, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973367 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.89 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Tolesnikov, Roman, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952312 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tolesnikov, Roman, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1973792 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 173.11 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tolliver, Thomas, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952084 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tolliver, Thomas, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972344 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tomlinson, Nicholas, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953011 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 99.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tomlinson, Nicholas, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972355 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tondreau, Cathryne, I,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949906 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tondreau, Cathryne, I, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973328 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 99.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 1413 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Torsney, Cynthia, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952150 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 57.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Electrical Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 912.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Torsney, Cynthia, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973631 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 57.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Electrical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 969.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Torzone Kustom, Rebecca, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951416 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP** Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 154.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Torzone Kustom, Rebecca, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971658 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP** Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tracy, David, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951767 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Production Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1538.72 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tracy, David, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972075 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Production Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.89 Other (specify) 232.34 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Trad, Tarik, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949573 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Consulting Website Designer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Trad, Tarik, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973559 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Website Designer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tragakis, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953458 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Communications** Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tragakis, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972744 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tran, Hao, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952218 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tran, Hao, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973699 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 115.39 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Treadwell, Joel, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951647 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Tool Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Treadwell, Joel, A, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971890 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Tool Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tremmel, Matthew, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949521 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 76.93 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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# SCHEDULE A (FEC Form 3X)

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ITEMIZED RECEIPTS for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Trillo, Kristine, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950116 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Project Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Trillo, Kristine, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972951 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Trillo, William, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950271 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Fac and Real Estate Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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#### SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Trout, Hugh, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952665 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Trout, Hugh, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974173 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 663.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tschantre, Marjorie, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950603 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 269.29 Other (specify) 116.47 SUBTOTAL of Receipts This Page (optional).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tschantre, Marjorie, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975014 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 307.76 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tseng, Eric, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951937 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tseng, Eric, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972244 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.41 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tsumaki, W, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952189 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Tsumaki, W, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973670 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tubalado, Dario, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952263 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tubalado, Dario, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973743 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Engineer Quality Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Tunnicliff, Randy, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1949327 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engr Nav and Cntrl Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 464.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tunnicliff, Randy, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975241 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engr Nav and Cntrl Receipt For: Aggregate Year-to-Date ▼ Primary General 522.00 Other (specify) 156.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Turk, Jodee, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952840 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 13.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Principal Engr Matl Process Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 208.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Turk, Jodee, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974347 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 13.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal Engr Matl Process Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 221.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Turner, Gordon, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949328 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 66.00 SUBTOTAL of Receipts This Page (optional).....

TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: PAGE 1426 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Turner, Gordon, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975242 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Turner, Leonard, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951319 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Turner, Leonard, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971562 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Turner, Richard, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950230 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Consulting Chief Engineer Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Turner, Richard, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974560 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tuttle, Forrest, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952285 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1428 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tuttle, Forrest, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973765 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Tvrdy, Whitney, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949329 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Bus Dev Operations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 289.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Tvrdy, Whitney, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975243 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Bus Dev Operations Receipt For: Aggregate Year-to-Date ▼ Primary General 327.76 Other (specify) 96.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Twomey, Thomas, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950327 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Twomey, Thomas, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974655 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Tylicki, Henry, F., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951291 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 115.41 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Tylicki, Henry, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971533 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Ublasi, Joe, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952550 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 352.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ublasi, Joe, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973953 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 374.00 Other (specify) 82.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

# SCHEDULE A (FEC Form 3X)

TOTAL This Period (last page this line number only).....

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Use separate schedule(s) ITEMIZED RECEIPTS for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ueda, William, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951586 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ueda, William, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971828 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Uehara, Jun, S, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1951098 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional).....

FEC Schedule A (Form 3X) Rev. 06/2016

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Uehara, Jun, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973345 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Uhr, Joy, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951329 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Suply Chn Procrmnt Spec Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **C.** Uhr, Joy, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971572 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Suply Chn Procrmnt Spec Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Underwood, Michelle, O., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949687 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Principal Project Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 672.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Underwood, Michelle, O, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974005 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 714.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Uphoff, William, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950797 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Process Improvement Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 124.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Uphoff, William, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973209 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Process Improvement Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Uramoto, Todd, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952491 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 29.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 464.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Uramoto, Todd, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971233 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 29.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 493.00 Other (specify) 98.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Vaidyanathan, Rajan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952341 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 230.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Vaidyanathan, Rajan, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973821 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 269.29 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Valencia, Julio, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949764 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Valencia, Julio, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974081 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Principal Project Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Valentine, Kenneth, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952821 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Valentine, Kenneth, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974328 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

Other (specify)

#### SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

FOR LINE NUMBER: PAGE 1437 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Valentino, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952495 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 925.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Valentino, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971237 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1000.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Valiquette, Valmore, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951587 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Valiquette, Valmore, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971829 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Supply Chain Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Van Noppen, Arthur, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 80 2019 City State Zip Code Transaction ID: A2019-1952010 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Van Noppen, Arthur, G., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972317 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: **PAGE 1439 OF** Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Van Note, Zachary, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951421 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Web Software Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 520.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Van Note, Zachary, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971663 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Web Software Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 560.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Van Schilfgaarde, Craig, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951611 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Van Schilfgaarde, Craig, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971853 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Van Vooren, Linda, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952280 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Engineer Software Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 616.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Van Vooren, Linda, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1973760 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Engineer Software Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) 117.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name VanDerHeiden, Egbertus, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975247 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 365.76 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Vanhelmond, Gregg, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950042 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Vanhelmond, Gregg, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972652 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.41 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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fc  $\Gamma$ Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Vanhooser, Darris, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951331 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Electrical Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Vanhooser, Darris, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971574 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Electrical Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Vaughan, Ingrid, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950551 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) 88.46 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Vaughan, Ingrid, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973054 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and General Manager Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Vaughn, Deana, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952710 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Vaughn, Deana, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974217 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Subcontracts Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Verwiel, Daniel, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951542 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and General Manager Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Verwiel, Daniel, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971784 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and General Manager Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1634.55 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Vill, Marc, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952032 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Matl Process Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) 230.80 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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PAGE 1448 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Vill, Marc, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971910 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Matl Process Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Viscovich, Christopher, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950027 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Viscovich, Christopher, T., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972636 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 76.96 SUBTOTAL of Receipts This Page (optional).....

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Northrop Grumman Corporation

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Primary General Other (specify) ▼	680.00	
Full Name of Individual (Last, First, Middle Voigt, Robert, J, ,  Mailing Address 2980 Fairview Park Drive	Initial) or Full Organization Name	Date of Receipt  08 09 2019
City Falls Church	State Zip Code VA 22042	Transaction ID : A2019-1952790  Amount of Each Receipt this Period
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or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Voigt, Robert, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974297 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Vollmer, David, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951311 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Vollmer, David, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971553 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Vonheeder, Val, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951774 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Principal Engineer Logistics Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Vonheeder, Val, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972082 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Principal Engineer Logistics** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Voorhees, Arthur, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1950970 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Staff Engr Embedded S/W Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Voorhees, Arthur, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971300 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Staff Engr Embedded S/W Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Vosburgh, Jeffrey, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949339 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 768.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Vosburgh, Jeffrey, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975253 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 864.00 Other (specify) 230.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Votta, Guy, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950546 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP ES Operations and Int'I Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1538.40 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Votta, Guy, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973049 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.15 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP ES Operations and Int'I Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1634.55 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Vrzak, Susan, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951221 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 211.53 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Vrzak, Susan, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973467 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wackerman, Damian, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950276 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wackerman, Damian, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974605 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 99.23 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wada, John, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951913 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wada, John, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972221 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Waddell, Dwayne, K, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951191 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Engineer Field Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1456 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Waddell, Dwayne, K,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973438 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Principal Engineer Field Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wade, Desma, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950836 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 130.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP** Operations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 2080.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wade, Desma, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973247 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 130.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 2210.00 Other (specify) 280.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

FOR LINE NUMBER: PAGE 1457 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wade, Pamela, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950757 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wade, Pamela, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973169 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wagner, Eric, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1951328 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) 115.42 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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**PAGE 1458 OF** Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wagner, Eric, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971571 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wagner, John, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950695 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Embedded Sftwre Eng Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wagner, John, H, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973107 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Embedded Sftwre Eng Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 78.50 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wagner, Sharon, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949741 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wagner, Sharon, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974058 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wagoner-Mitchell, Beverly, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949344 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Org Effectiveness Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 88.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wagoner-Mitchell, Beverly, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975258 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Org Effectiveness Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 346.14 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Waldie, Dean, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951184 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Waldie, Dean, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973431 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 78.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Walke, Robert, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951076 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Walke, Robert, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971405 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Walker, Charlton, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949487 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Asoc Gen Cnsl and Sctr Cnsl Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Walker, Charlton, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973288 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Asoc Gen Cnsl and Sctr Cnsl Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Walker, Jesse, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952211 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 616.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Walker, Jesse, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973692 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) 117.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Walker, Maria, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951206 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Info Sys Proj Mgr Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 352.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Walker, Maria, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973453 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 22.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Info Sys Proj Mgr Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 374.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wallize, Courtney, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1950412 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Compliance and Ethics Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 82.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... \_\_\_

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wallize, Courtney, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974741 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Compliance and Ethics Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Walraven, James, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952213 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 616.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Walraven, James, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973694 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 654.50 Other (specify) 115.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1465 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Walsh, John, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951289 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Consulting Engr Sys Architect Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Walsh, John, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971531 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engr Sys Architect Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Walsmith, Jennifer, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952688 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing

federal political committee.	C			38.47	J
Name of Employer (for Individual)  Northrop Grumman Corporation	Occupation (for Individual) VP and General Manager	Memo Item			
Receipt For:  Primary General  Other (specify)	Aggregate Year-to-Date ▼ 615.52				
SUBTOTAL of Receipts This Page (optional)	<u> </u>	,	. ,	88.47	
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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Walsmith, Jennifer, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974195 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and General Manager Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ward, Datril, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952583 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 65.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 920.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Ward, Datril, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973986 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 65.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 985.00 Other (specify) 168.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ward, Jan, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950485 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Ward, Jan, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974814 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Ward, Tammy, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1949768 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff S/W Config Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the **Detailed Summary Page** Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Ward, Tammy, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974085 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff S/W Config Analyst Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Warden, Kathy, J, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952623 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 150.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chairman CEO and President Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 2400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Warden, Kathy, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID : A2019-1974133 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 150.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Chairman CEO and President Receipt For: Aggregate Year-to-Date ▼ Primary General 2550.00 Other (specify) 320.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wardle, Robert, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949346 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Dir Advanced Tech Devel Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 446.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wardle, Robert, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975583 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Advanced Tech Devel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 496.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Warren, Richard, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951944 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1500.00 Other (specify) 200.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1470 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Warren, Richard, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972251 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1600.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Waters, Keri, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949347 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 275.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Waters, Keri, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1975584 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 300.00 Other (specify) 150.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1471 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Watkins, Scotty, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949559 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Watson, Andrew, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951312 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Watson, Andrew, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971555 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify)

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Watson, Vivian, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952389 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **Business Planning Analyst** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Watson, Vivian, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971131 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Business Planning Analyst** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Watts, Lennette, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1952492 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Principal S/W Dev Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1473 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Watts, Lennette, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971234 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Principal S/W Dev Analyst Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Way, Stephen, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953542 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Way, Stephen, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971456 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wears, Thomas, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953156 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wears, Thomas, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972503 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Webb, Tene, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1952292 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Contracts** Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 96.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Webb, Tene, N,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973772 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Contracts** Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Webber, Karita, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951882 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Webber, Karita, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1972190 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Business Management** Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 96.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1476 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Webster, John, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950700 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Webster, John, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973112 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wee, Michael, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952407 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Cyber Sys Engr Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 105.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wee, Michael, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971149 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Cyber Sys Engr Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Wegerbauer, Cynthia, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1952751 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Communications Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 338.47 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wegerbauer, Cynthia, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974258 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Dir Communications** Receipt For: Aggregate Year-to-Date ▼ Primary General 376.94 Other (specify) 101.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Weidenheimer, Randall, S, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952514 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Weidenheimer, Randall, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971256 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.82 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Weidler, Constance, E., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950361 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1200.00 Other (specify) 151.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1479 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Weidler, Constance, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974689 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 75.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1275.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Weiler, Carl, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951455 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Weiler, Carl, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971697 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir General Manufacturing Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 151.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Weinberger, Joshua, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952519 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Weinberger, Joshua, R, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971261 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Weinberger, Peter, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949349 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Weinberger, Peter, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975586 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 360.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Weir, John, D. Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950241 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 27.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 432.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Weir, John, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974571 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 27.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 459.00 Other (specify) 94.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Weldele, Jeffrey, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951434 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Weldele, Jeffrey, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971676 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Information Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Weldon, Teresa, T, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951335 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Weldon, Teresa, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971578 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Welge, Brian, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952719 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 632.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Welge, Brian, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974225 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 671.50 Other (specify) 99.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Welker, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951614 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP and CIO Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Welker, Christopher, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971856 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP and CIO Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Weller, Daniel, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950878 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 115.40 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Weller, Daniel, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974907 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Procurement Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wells, Bruce, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951537 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1600.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wells, Bruce, R, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971779 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1700.00 Other (specify) 238.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Welsh, Amanda, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949471 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Labor Relations Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Welsh, Amanda, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973272 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Labor Relations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wentzel, Carol, S., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950925 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Cyber Systems Engrng Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 63.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wentzel, Carol, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974991 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Cyber Systems Engrng Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Werle, Ronny, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1951798 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Flight Operations Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Werle, Ronny, H, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972106 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Flight Operations Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wessels, Jeff, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949915 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 480.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wessels, Jeff, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973337 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 30.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 510.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** West, Gregory, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950838 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 98.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name West, Richard, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950503 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Info Sys Tech Analyst Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. West, Richard, B., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1974832 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Info Sys Tech Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Westerman, James, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953585 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 76.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Westerman, James, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973320 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Westling, Laurie, B, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953597 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Westling, Laurie, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1971433 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) 115.38 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wheeler, Michael, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950611 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Wheeler, Michael, W, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975022 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 326.91 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wheltle, Catherine, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972378 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Finance Receipt For: Aggregate Year-to-Date ▼ Primary General 234.00 Other (specify) 77.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Whitaneis, Daniel, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952773 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 14.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 232.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Whitaneis, Daniel, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974280 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 14.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 246.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. White, Andrea, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1953020 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Conference Event Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 48.23 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name White, Andrea, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972364 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Conference Event Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** White, Brandon, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950826 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.47 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. White, Brandon, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973237 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 653.94 Other (specify) 96.17 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name White, Chad, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952273 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 308.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** White, Chad, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973753 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.25 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 327.25  $\triangle$ 

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Full Name of Individual (Last, First, Middle White, Christy, L, ,	Initial) or Full Org	ganization Name	Date of Receipt
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City	State	Zip Code	Transaction ID : A2019-1951390
Falls Church	VA	22042	Amount of Each Receipt this Period
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Name of Employer (for Individual)	Occup	pation (for Individual)	Memo Item
Northrop Grumman Corporation	Mgr P	rogram Control	_
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Other (specify)		307.68	
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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name White, Christy, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971632 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Program Control Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** White, Frank, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952965 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. White, Frank, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974474 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 57.69 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name White, Michael, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951448 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 960.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. White, Michael, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971690 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1020.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** White, Patricia, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1952954 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 160.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the **Detailed Summary Page** Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Whittenbury, John, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 16 2019 City Zip Code State Transaction ID: A2019-1982517 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 1000.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Wider, Rosalie, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950455 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wider, Rosalie, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974784 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 1080.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wieckhorst, Douglas, M, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949561 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wieckhorst, Douglas, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974871 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wiederspahn, Harry, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951309 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 41.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 615.00 Other (specify) 121.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wiederspahn, Harry, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971551 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 41.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Electronics Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 656.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wieland, Daryl, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953453 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wieland, Daryl, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972739 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Strategic Planning Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 117.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wierzbanowski, Ginger, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953017 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 108.34 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1733.44 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wierzbanowski, Ginger, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972361 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 108.34 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 1841.78 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wiewiora, Lee, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949500 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 256.68 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wiewiora, Lee, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975070 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wildt, Daniel, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950950 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 672.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wildt, Daniel, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1971280 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 714.00 Other (specify) 124.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wiley, Ronald, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949352 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr Dir Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Wiley, Ronald, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1975589 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Dir Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 360.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wilkers, Joseph, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950336 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wilkers, Joseph, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974664 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Wilkins, Thomas, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949354 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 308.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wilkins, Thomas, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1975591 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 346.50 Other (specify) 117.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the **Detailed Summary Page** Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Will, Dennis, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951093 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Will, Dennis, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973340 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Will, Martin, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949486 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Will, Martin, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973287 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Williams, Darryl, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952986 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 900.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Williams, Darryl, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974495 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 1000.00 Other (specify) 220.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Williams, Graciela, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952729 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Williams, Graciela, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974236 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Williams, John, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951359 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Cnsltng Cmptr Sys Architect** Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 90.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Williams, Kathryn, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949472 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 558.48 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Williams, Kathryn, H, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973273 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 596.94 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Williams, Lawrence, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951447 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Capture Management Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 116.92 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Williamson, Brenda, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952689 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Sr. Principal Engineer Systems Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Williamson, Brenda, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974196 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Williamson, Samuel, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953608 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Start Up Company Mgr Security Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 60.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Williamson, Samuel, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971444 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Start Up Company Mar Security Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Willoughby, Paul, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950675 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 375.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Willoughby, Paul, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973087 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Willoughby, Sarah, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950424 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1442.55 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Willoughby, Sarah, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974753 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1538.72 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Willoughby, Scott, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950328 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1600.00 Other (specify) 292.34 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Willoughby, Scott, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974656 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1700.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Wills, Charles, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952572 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 307.68 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wills, Charles, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973975 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) 138.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wilson, Bradford, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949495 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General 624.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Wilson, Bradford, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973296 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 39.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 663.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wilson, Brian, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952981 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Legislative Affairs Receipt For: Aggregate Year-to-Date ▼ Primary General 1600.00 Other (specify) 178.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wilson, Brian, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974490 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Legislative Affairs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1700.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wilson, Curtis, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950941 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Entprs Apps Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 960.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wilson, Curtis, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975007 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Entprs Apps Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 1020.00 Other (specify) 220.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wilson, Donald, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952240 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Wilson, Donald, P, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973720 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wilson, Dwight, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950395 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wilson, Dwight, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974723 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wilson, Heather, T,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950825 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Human Resources and Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1307.92 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wilson, Heather, T, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973236 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Human Resources and Admin Receipt For: Aggregate Year-to-Date ▼ Primary General 1404.09 Other (specify) 232.34 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wilson, James, P,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950394 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 41.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Mechanical Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 656.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wilson, James, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950670 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.36 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wilson, James, P., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID : A2019-1974722 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 41.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 697.00 Other (specify) 120.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wilson, James, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973082 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wilson, Jessica, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952866 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wilson, Jessica, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974374 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 115.40 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wilson, Terry, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973289 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Info Systems Engr Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wilson, Thomas, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949356 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Vice President Business Devel Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 480.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wilson, Thomas, L, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975593 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 60.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Vice President Business Devel Receipt For: Aggregate Year-to-Date ▼ Primary General 540.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wilson, Tracey, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1950490 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supplier Quality Receipt For: Aggregate Year-to-Date ▼ Primary General 800.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wilson, Tracey, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974819 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supplier Quality Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 850.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Windgassen, James, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950957 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 42.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Staff Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 672.00 Other (specify) 142.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wise, David, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975600 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Strategy & Integration Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 726.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Witherow, Todd, M., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951050 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Witherow, Todd, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1971379 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 101.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wofford, Melvin, E,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951756 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wofford, Melvin, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972064 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 425.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Woltz, Adrian, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1950773 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Bus Dev Ops Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Woltz, Adrian, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973185 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr Prncpl Bus Dev Ops Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wong, John, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952350 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engr Planning Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wong, John, G, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973830 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engr Planning Analyst Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) 70.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wong, Steven, Y,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1952158 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wong, Steven, Y,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973639 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wood, Brian, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949365 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 464.00 Other (specify) 98.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wood, Brian, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975602 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 522.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wood, Byron, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952809 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wood, Byron, A, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1974316 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 134.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1537 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wood, Jeffry, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951374 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wood, Jeffry, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971616 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wood, Jo Ann, S, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1951656 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 96.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wood, Jo Ann, S,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973489 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wood, Kevin, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953186 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Sciences Spt Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wood, Kevin, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972534 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Sciences Spt Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 99.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1539 OF Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page

13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wood, Michelle, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953164 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Computer Systems Analysis Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wood, Michelle, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972511 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Computer Systems Analysis Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Woods, Stanley, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951826 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General 575.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Woods, Stanley, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972134 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 675.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Woodward, Deborah, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949366 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 400.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Woodward, Deborah, D., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1975603 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Supply Chain Receipt For: Aggregate Year-to-Date ▼ Primary General 450.00 Other (specify) 200.00 SUBTOTAL of Receipts This Page (optional).....

#### SCHEDULE A (FEC Form 3X) **ITEMIZED**

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or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Woolsey, Robert, O, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952463 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Woolsey, Robert, O, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971205 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Project Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Woolston, Craig, W., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1951172 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1600.00 Other (specify) 140.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Woolston, Craig, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973419 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1700.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Woullard, Gina, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1951692 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Production Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 615.52 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Woullard, Gina, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973525 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Production Operations** Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) 176.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wright, Eric, C, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949766 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Software Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Wright, Eric, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974083 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Software Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 680.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Wright, Scott, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID : A2019-1952900 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Principal Facilities Rep Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) 100.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Wright, Scott, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974409 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Principal Facilities Rep Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Wroth, Mark, B,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950715 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Wroth, Mark, B, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973127 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 120.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

Receipt For:

Primary

Other (specify)

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### SCHEDULE A (FEC Form 3X) ITEMIZED RECEIPTS

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Yasui, Kevin, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951987 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) NG Fellow Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Yasui, Kevin, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972294 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation NG Fellow Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Yeager, Keith, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1949475 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 640.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Yeager, Keith, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973276 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Yee-Madera, Gefferie, H, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1952192 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 338.47 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Yee-Madera, Gefferie, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973673 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 376.94 Other (specify) 116.94 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Yeiser, Andrea, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951892 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) VP Program Management Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 1600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Yeiser, Andrea, L., Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1972200 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1700.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Yin, Meng-Yen, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID : A2019-1949370 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 464.00 Other (specify) 258.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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FOR LINE NUMBER: **PAGE 1549 OF** Use separate schedule(s) (check only one) for each category of the **X** 11a 11b 11c 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Yin, Meng-Yen, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1975607 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 522.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Yoo, Kyung, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950410 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Yoo, Kyung, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974739 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Occupation (for Individual) Name of Employer (for Individual) Northrop Grumman Corporation Consulting Chief Engineer Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 98.00 SUBTOTAL of Receipts This Page (optional).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Yost, Jeffrey, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951594 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 616.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Yost, Jeffrey, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971836 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.50 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 654.50 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Young, Christin, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953115 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 877.46 Other (specify) 117.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Young, Christin, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972460 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **Engineer Systems** Receipt For: Aggregate Year-to-Date ▼ Primary General 917.46 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Young, Douglas, H,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949917 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Program Management** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1538.72 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Young, Douglas, H., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973339 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 96.17 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation VP Program Management Receipt For: Aggregate Year-to-Date ▼ Primary General 1634.89 Other (specify) 232.34 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Young, Gary, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971970 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Management Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Young, Gregory, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950182 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 1.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 244.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Young, Gregory, J, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1973015 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 1.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 245.00 Other (specify) 22.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Young, Richard, E, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949371 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 58.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Staff Network Communications Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 464.00 Other (specify) ▼ Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Yu, Jeffrey, C,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950822 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Technology Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) ▼ 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Yu, Jeffrey, C, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973233 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Technology Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 138.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zacher, Krysten, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1974016 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Pricing Cost Estimating Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zamrzla, Calli, M,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1953378 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Prncpl Pgm Cst Schd Cntrl Anly Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Zamrzla, Calli, M, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972565 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Prncpl Pgm Cst Schd Cntrl Anly Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 78.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zandi, Alessandra, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1949782 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Contract Admin Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zandi, Alessandra, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974099 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Contract Admin Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Zarzana, Charles, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1974579 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 12.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Electronics Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 204.00 Other (specify) 52.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zeiller, Thomas, W,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1973021 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Systems Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Zelezny, Thomas, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950165 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Mechani Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Zelezny, Thomas, E, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972998 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Sr. Principal Engineer Mechani Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 80.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zell, Gregory, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1949572 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zell, Gregory, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1973558 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Zell, Steve, R., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1951243 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 400.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zell, Steve, R,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971485 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 25.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 425.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zeng, Xianglin, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950138 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engr Microelec Smcndctr Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Zeng, Xianglin, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City State Zip Code Transaction ID: A2019-1972973 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engr Microelec Smcndctr Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 65.00 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zenker, Ernest, G, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1951477 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zenker, Ernest, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971719 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 653.99 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Zerbe, Jeffrey, N., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953043 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Business Development Receipt For: Aggregate Year-to-Date ▼ Primary General 615.36 Other (specify) 115.40 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zerbe, Jeffrey, N, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972387 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.46 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Business Development Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.82 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zeromski, Joseph, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950176 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Electrical Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Zeromski, Joseph, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973009 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Staff Engineer Electrical Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 118.46 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

TOTAL This Period (last page this line number only).....

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zervos, Mike, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 09 City Zip Code State Transaction ID: A2019-1950894 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Mgr Mechanical Engineering Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zervos, Mike, G,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1974923 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Mechanical Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Zeydelis, Irina, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City State Zip Code Transaction ID: A2019-1953068 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 307.68 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional).....

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PAGE 1565 OF Use separate schedule(s) for each category of the 12 Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zeydelis, Irina, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972413 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 19.23 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Mgr Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 326.91 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **B.** Zigomalas, Andreas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1950071 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Aeronautic Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 320.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Zigomalas, Andreas, , , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1972681 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Aeronautic Receipt For: Aggregate Year-to-Date ▼ Primary General 340.00 Other (specify) 59.23 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only)..... 7

FOR LINE NUMBER: PAGE 1566 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zimmerman, Alan, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1952506 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General 1600.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zimmerman, Alan, D,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1971248 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 100.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Consulting Engineer Systems Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 1700.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Zirofsky, Eric, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1950075 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 615.52 Other (specify) 238.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

FOR LINE NUMBER: PAGE 1567 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12

for each category of the Detailed Summary Page 13 14 15 16 Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zirofsky, Eric, D, , Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1972685 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 38.47 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Dir Programs Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 653.99 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zmarzlak, Robert, L,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949919 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 640.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Zmarzlak, Robert, L, , Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973863 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 40.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 680.00 Other (specify) 118.47 SUBTOTAL of Receipts This Page (optional)..... TOTAL This Period (last page this line number only).....

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Use separate schedule(s)

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for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zobair, Talha, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953199 VA Falls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) **VP Tax** Northrop Grumman Corporation Receipt For: Aggregate Year-to-Date ▼ Primary General 320.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zobair, Talha, A,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID : A2019-1972547 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 20.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation **VP Tax** Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 340.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name **c.** Zorn, Thomas, J., Date of Receipt Mailing Address 2980 Fairview Park Drive 09 2019 City Zip Code State Transaction ID: A2019-1953596 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 24.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 384.00 Other (specify) 64.00 SUBTOTAL of Receipts This Page (optional).....

7

FOR LINE NUMBER: PAGE 1569 OF Use separate schedule(s) (check only one) **X** 11a 11b 11c 12 13 14 15 16

for each category of the Detailed Summary Page Any information copied from such Reports and Statements may not be sold or used by any person for the purpose of soliciting contributions or for commercial purposes, other than using the name and address of any political committee to solicit contributions from such committee. NAME OF COMMITTEE (In Full) **Employees of Northrop Grumman Corporation PAC** Full Name of Individual (Last, First, Middle Initial) or Full Organization Name Zorn, Thomas, J,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City Zip Code State Transaction ID: A2019-1971432 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing C 24.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Programs Receipt For: Aggregate Year-to-Date ▼ Primary General 408.00 Other (specify) Full Name of Individual (Last, First, Middle Initial) or Full Organization Name B. Zoubek, Stanley, F,, Date of Receipt Mailing Address 2980 Fairview Park Drive 2019 City State Zip Code Transaction ID: A2019-1949984 Falls Church VA 22042 Amount of Each Receipt this Period FEC ID number of contributing 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General Other (specify) 800.00 Full Name of Individual (Last, First, Middle Initial) or Full Organization Name c. Zoubek, Stanley, F, Date of Receipt Mailing Address 2980 Fairview Park Drive 23 2019 City Zip Code State Transaction ID: A2019-1973928 VAFalls Church 22042 Amount of Each Receipt this Period FEC ID number of contributing C 50.00 federal political committee. Memo Item Name of Employer (for Individual) Occupation (for Individual) Northrop Grumman Corporation Dir Engineering Receipt For: Aggregate Year-to-Date ▼ Primary General 850.00 Other (specify) 124.00 SUBTOTAL of Receipts This Page (optional)..... 187884.15 TOTAL This Period (last page this line number only).....

SCHEDULE B (FEC Form 3X) ITEMIZED DISBURSEMENTS	Use separate schedule(s	FOR LINE NUMBER: PAGE 1570 OF 15 (check only one)			
	for each category of the Detailed Summary Page	21b 28a	22 <b>X</b> 23 26 27 28b 28c 29 30b		
Any information copied from such Reports and Staten or for commercial purposes, other than using the nam					
NAME OF COMMITTEE (In Full)  Employees of Northrop Grumman (			The second secon		
/ ' '					
Full Name (Last, First, Middle Initial)			Date of Disbursement		
A. Lucas for Congress			Date of Disbursement		
Mailing Address 317 15th St NE			08 06 2019		
Washington	State Zip Code DC 20002		FEC Identification Number		
Purpose of Disbursement Contribution		011	C C00287912		
Candidate Name		Category/	Transaction ID: B737137  Amount of Each Disbursement this Period		
Lucas, Frank, D, ,	. =	Type			
	nent For: 2020 Primary General		1000.00		
	Other (specify) ▼		Memo Item		
Full Name (Last, First, Middle Initial)					
B. MAD 4 PA PAC			Date of Disbursement		
Mailing Address 499 S. Capitol St SW Suite 422					
,					
Purpose of Disbursement	Purpose of Disbursement				
Contribution		011	C C00670844  Transaction ID : B736916		
Candidate Name  Dean, Madeleine, , ,		Category/ Type	Amount of Each Disbursement this Period		
	nent For: 2020	rype	1000.00		
Senate x	Primary General				
State: PA District: 04	Other (specify)		Memo Item		
Full Name (Last, First, Middle Initial)  C. Maintaining All Republicans in Office	ce PAC		Date of Disbursement		
Mailing Address 2308 Mount Vernon Ave. #337			08 06 2019		
City	State Zip Code		FEC Identification Number		
Alexandria Purpose of Disbursement	VA 22301				
Contribution		011	C C00565630 Transaction ID : B737127		
Candidate Name					
Office Sought: House Disbursen	nent For: 2019	. 71	2500.00		
Propident	Primary General				
State: President  District:	Other (specify) ▼ Not Applicab	le	Memo Item		
<u> </u>			4500.00		
SUBTOTAL of Disbursements This Page (optional)		·····•	4500.00		
TOTAL This Period (last page this line number only)					

SCHEDULE B (FEC Form 3X)	llee senarate	e schedule(s)	FOR LINE N		PAGE 1571 OF 1574
TEMIZED DISBURSEMENTS	for each cate	egory of the	(check only	one) 22 <b>_x</b> 23  [	26 27
	Detailed Sun	nmary Page	28a	28b 28c	29 30b
Any information copied from such Reports and Statem					
or for commercial purposes, other than using the nam  NAME OF COMMITTEE (In Full)	e and address	or any political	committee to	SOlicit contributions i	rom such committee.
Employees of Northrop Grumman (	Corporatio	n PAC			
Full Name (Last, First, Middle Initial)				Data of Dishuman	
A. Mike Rogers for Congress				Date of Disbursem	_
Mailing Address 317 15th St NE				08 06	2019
,	<b>I</b>	p Code 20002		FEC Identification	Number
Washington Purpose of Disbursement		20002		C C00367862	
Contribution			011	Transaction II	
Candidate Name			Category/		Disbursement this Period
Rogers, Mike, , ,  Office Sought:   X   House   Disbursem	nent For: 2020	<u> </u>	Туре		1500.00
	Primary	General		7	4- 4-
	Other (specify)	▼		Memo Item	
Full Name (Last, First, Middle Initial)					
B. Susan Davis for Congress				Date of Disbursem	
Mailing Address PO Box 84049				08 06	2019
,		p Code		FEC Identification	Number
San Diego Purpose of Disbursement	CA s	92138		C C00344671	
Contribution			011		
Candidate Name			Category/	Transaction II  Amount of Each D	isbursement this Period
Davis, Susan, , ,  Office Sought: House Disbursem	ont For: OOO		Туре		2500.00
	nent For: 2020 Primary	General			2500.00
	Other (specify)			Memo Item	
State: CA District: 53				Wemo item	
Full Name (Last, First, Middle Initial)				Date of Disbursen	nent
C. Susan Davis for Congress				M M / D D	
Mailing Address PO Box 84049				08 06	2019
,		p Code		FEC Identification	Number
San Diego Purpose of Disbursement	CA !	92138		C C00344671	
Contribution			011	Transaction II	
Candidate Name			Category/		Disbursement this Period
Davis, Susan, , ,  Office Sought: House Disburser	nent For: 2020		Туре		2500.00
		<b>K</b> General		4	4
President	Other (specify)			Memo Item	
State: CA District: 53					
SUBTOTAL of Disbursements This Page (optional)			······• <b>&gt;</b>		6500.00
TOTAL This Period (last page this line number only).					

SCHEDULE B (FEC Form 3X)	Use separate schedule(s)	FOR LINE		PAGE 1572 OF 1574
ITEMIZED DISBURSEMENTS	for each category of the Detailed Summary Page	(check only 21b	22 🗶 23	26 27
	Detailed Suffilliary Fage	28a	28b 28c	29 30b
Any information copied from such Reports and Statem or for commercial purposes, other than using the name				
NAME OF COMMITTEE (In Full) Employees of Northrop Grumman (	, ,			
Full Name (Last, First, Middle Initial)  A. The Bill Keating Committee			Date of Disburseme	nt
Mailing Address 412 First St SE Suite 100			08 06	2019
Washington	State Zip Code 20003		FEC Identification N	umber
Purpose of Disbursement Contribution		011	C C00479063  Transaction ID	: B737130
Candidate Name Keating, William, R, ,		Category/ Type	Amount of Each Dis	bursement this Period
Senate	nent For: 2020 Primary			2500.00
State: MA District: 09	Carlot (openity) V		Memo Item	
Full Name (Last, First, Middle Initial)  B. Larson For Congress  Mailing Address 413 New Jersey Avenue SE			Date of Disburseme	nt
,	State Zip Code DC 20003		FEC Identification N	umber
Purpose of Disbursement Contribution	20003	011	C C00330142	
Candidate Name Larson, John, B, ,		Category/ Type	Transaction ID : Amount of Each Dis	: B732883 sbursement this Period
Office Sought: House Disbursen Senate	nent For: 2020 Primary General Other (specify) Convention			– 2500.00 ded: Original check dated 20/19
Full Name (Last, First, Middle Initial)  C. Committee for Leadership And Pro	gress		Date of Disburseme	nt
Mailing Address 219 Pennsylvania Ave SE 3rd Floor	r		08 / 26	2019
City Washington Purpose of Disbursement Contribution	State Zip Code DC 20003	011	FEC Identification N C C00366666 Transaction ID	
Candidate Name		Category/ Type		bursement this Period
Senate	nent For: 2019 Primary General Other (specify) ▼ Not Applicable		Memo Item	2500.00
SUBTOTAL of Disbursements This Page (optional)				2500.00
TOTAL This Period (last page this line number only)				7 7

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SCHEDULE B (FEC Form 3X)				FOR LINE NUMBER: PAGE 1573 OF 15 (check only one)			
	MIZED DISBURSEMENTS	for each of	for each category of the Detailed Summary Page (Check of 21)		22 🗶 23 🗌 26 📗 27		
	information copied from such Reports and Stater or commercial purposes, other than using the name						
l \	NAME OF COMMITTEE (In Full)						
	Employees of Northrop Grumman	Corporat	tion PAC				
_	Full Name (Last, First, Middle Initial)				Data of Disharanana		
Α.	Elise for Congress				Date of Disbursement		
N	Mailing Address 415 Warner St NW				08 26 2019		
	City Stanford	State DC	Zip Code 20001		FEC Identification Number		
Ē	Purpose of Disbursement Contribution			011	C C00547893		
	Candidate Name			Category/	Transaction ID: B737583  Amount of Each Disbursement this Period		
	Stefanik, Elise, , ,			Type			
(	Office Sought:     W   House   Disburser	ment For: 2 Primary	2020 <b>x</b> General		3000.00		
•	President State: NY District: 21	Other (spec			Memo Item		
	Full Name (Last, First, Middle Initial)						
	Heartland Values PAC				Date of Disbursement		
ľ	Mailing Address PO Box 505				08 26 2019		
	City State Zip Code Sioux Falls SD 57101				FEC Identification Number		
	Purpose of Disbursement		C C00409003				
_	Contribution			011	Transaction ID : B739114		
(	Candidate Name			Category/ Type	Amount of Each Disbursement this Period		
Ō		ment For: 2			3500.00		
		Primary Other (spec	General				
5	State: District:	Other (spec	Not Applicable		Memo Item		
	Full Name (Last, First, Middle Initial)  Larson For Congress				Date of Disbursement		
	Larson i or Congress				M M / D D / Y Y Y Y		
N	Mailing Address 413 New Jersey Ave Basement Le	vel			08 26 2019		
	City State of the	State DC	Zip Code 20003		FEC Identification Number		
F	Purpose of Disbursement	-			C C00330142		
	Contribution			011	Transaction ID : B737582		
	Candidate Name Larson, John, B, ,		-	Category/	Amount of Each Disbursement this Period		
		ment For: 2	2020	Туре	2500.00		
	Senate	Primary	General		<u> </u>		
	President	Other (spec	cify) 🔻		Memo Item		
	State: CT District: 01						

SCHEDULE B (FEC Form 3X)	llee sena	arate schedule(s)	FOR LINE I		PAGE 1574 OF 1574
TEMIZED DISBURSEMENTS	for each	category of the	(check only 21b	one) 22 <b>x</b> 23	26 27
	Detailed S	Summary Page	28a	28b 28c	29 30b
Any information copied from such Reports and Sta					
or for commercial purposes, other than using the n	ame and addr	ess of any politica	I committee to	solicit contributions fro	m such committee.
NAME OF COMMITTEE (In Full)  Employees of Northrop Grummar	n Corpora	tion PAC			
Full Name (Last, First, Middle Initial)				Data of Diahumana	
A. Perlmutter for Congress				Date of Disburseme	nt
Mailing Address 415 New Jersey Ace SE Unit 1				08 26	2019
City	State	Zip Code		FEC Identification N	umber
Washington Purpose of Disbursement	DC	20003		C 000440000	
Contribution			011	C C00410639	- D720442
Candidate Name			Category/		bursement this Period
Perlmutter, Ed, , ,			Type		2500.00
0	sement For: 2	2020 General			2500.00
President State: CO District: 07	Other (spec			Memo Item	
Full Name (Last, First, Middle Initial)					
B. Schiff for Congress				Date of Disburseme	nt
				M = M / D = D	/ Y = Y = Y = Y
Mailing Address 219 Pennsylvania Ave SE 3rd F				08 26	2019
City Washington	State DC	Zip Code 20003		FEC Identification N	umber
Purpose of Disbursement	1 20	20003		C C00343871	
Contribution			011	Transaction ID :	: B738703
Candidate Name			Category/		bursement this Period
Schiff, Adam, , ,  Office Sought:     House   Disburs	sement For: 2	2020	Туре		2500.00
	rimary	General		4	7 1 7
President	Other (spec	cify)		Memo Item	
State: CA District: 28					
Full Name (Last, First, Middle Initial)  C.				Date of Disburseme	nt
				M M M / D D	/ Y Y Y Y Y
Mailing Address					
City	State	Zip Code		FEC Identification N	umber
Purpose of Disbursement				С	
Candidate Name		"	Category/ Type	Amount of Each Dis	bursement this Period
	sement For:				45   45
Senate	Primary	General			
State: District:	Other (spec	ony) ▼		Memo Item	
SUBTOTAL of Disbursements This Page (optional	)		·····•		5000.00
TOTAL This Period (last page this line number on	lv)				27500.00
	,,				